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*Photo Studio*







# BRIGHAM YOUNG UNIVERSITY QUARTERLY

## CATALOGUE OF SECONDARY SCHOOLS

*For the  
Thirty-fifth Accademic Year  
Aug. 1, 1910*

*Published by  
The Brigham Young University  
Provo, Utah*



## UNIVERSITY CALENDAR.

1910.

September 15, 16, 17, Thursday, Friday and Saturday, examination and registration.

September 19, Monday, class work begins.

October 17, Celebration of Founder's day.

November 24 and 25, Thanksgiving recess.

December 23, Friday evening, Christmas vacation begins.

1911.

January 9, Monday morning, holiday vacation ends.

January 27, Friday, first semester ends.

January 30, Monday, second semester begins.

February 12, Lincoln's Birthday. (Special Program.)

February 22, Washington's Birthday. (Special program).

April 1-11, Spring vacation.

April —, Arbor Day.

June 9, Friday morning, thirty-fifth annual commencement.

# Church School Officers.

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## GENERAL CHURCH BOARD OF EDUCATION.

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|                     |                     |
|---------------------|---------------------|
| JOSEPH F. SMITH,    | RUDGER CLAWSON,     |
| WILLARD YOUNG.      | CHARLES W. PENROSE. |
| GEORGE H. BRIMHALL. | HORACE H. CUMMINGS. |
| ANTHON H. LUND.     | ORSON F. WHITNEY.   |

JOHN HENRY SMITH.

HORACE H. CUMMINGS,  
General Superintendent of Church Schools.

## CHURCH BOARD OF EXAMINERS.

|                     |                   |
|---------------------|-------------------|
| HORACE H. CUMMINGS. | JAMES H. LINFORD. |
| GEORGE H. BRIMHALL. | WILLARD YOUNG.    |

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# AUTHORITIES OF THE UNIVERSITY.

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## BOARD OF TRUSTEES.

|                           |                       |
|---------------------------|-----------------------|
| JOSEPH F. SMITH, Prest.   | REED SMOOT.           |
| JESSE KNIGHT, Vice Prest. | LAFAYETTE HOLBROOK.   |
| WILSON H. DUSENBERRY,     | STEPHEN L. CHIPMAN.   |
| Secretary.                | WILLARD YOUNG.        |
| SUSA YOUNG GATES.         | JOSEPH R. MURDOCK.    |
| JOHN HENRY SMITH.         | JONATHAN S. PAGE, JR. |
| RICHARD W. YOUNG.         |                       |

## BRIGHAM YOUNG UNIVERSITY.

**EXECUTIVE COMMITTEE.**

JESSE KNIGHT, Chairman.      W. H. DUSENBERRY.  
 REED SMOOT.                      LAFAYETTE HOLBROOK.  
                                  JONATHAN S. PAGE, JR.

**VISITING COMMITTEE.**

SUSA YOUNG GATES.              STEPHEN L. CHIPMAN.  
                                  JESSE KNIGHT.

**STAKE BOARDS OF EDUCATION.****UTAH STAKE.**

JOSEPH B. KEELER, Prest.      JOHN E. BOOTH.  
 LAFAYETTE HOLBROOK.      HENRY T. REYNOLDS.  
 J. WM. KNIGHT.              JEAN CLARA JARVIS.  
 GEO. H. BRIMHALL.              IDA ALLEMAN.  
 REED SMOOT.                      ALICE L. REYNOLDS.

**ALPINE STAKE.**

STEPHEN L. CHIPMAN.      ABEL J. EVANS.  
     President.                      GEORGE N. CHILD.  
 JAMES H. CLARKE.              STEPHEN W. ROSS.  
 GEORGE H. BRIMHALL.      ELI J. CLAYSON.

**NEBO STAKE.**

J. S. PAGE, JR., President.      JOHN J. SCHARRER.  
 HYRUM LEMMON.              JOSEPH D. STARK.  
 HENRY GARDENER.              ANN NEBEKER.  
                                  GEORGE H. BRIMHALL.

**WASATCH STAKE.**

JOSEPH R. MURDOCK, Prest.      JOHN T. GILES.  
 J. C. JENSEN.                      GEORGE C. LINDSAY.  
 EDWARD CLYDE.                      MRS. NELLIE DE GRAFF.  
 M. JOSEPHINE BROADBENT.      GEORGE H. BRIMHALL.

**JUAB STAKE.**

JAS. W. PAXMAN, President.      ISAAC H. GRACE.  
 CHARLES SPERRY.                      NIELS P. RASMUSSEN.  
                                  GEORGE H. BRIMHALL.



# University Council.

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GEORGE H. BRIMHALL, B. Pd., D. Sc., D., President.

JOSEPH B. KEELER, D. B., M. Ac., First Counselor.

EDWIN S. HINCKLEY, B. S., Second Counselor.

EDWARD H. HOLT, B. Pd., Secretary.

JOHN E. HAYES, Registrar.

HENRY PETERSON, A. M.,

Dean of the Teachers College.

JAMES L. BROWN, B. S.,

Principal Normal School.

ANTHONY C. LUND,

Head of Music Department.

EARL J. GLADE,

Head of Commercial Department.

ELBERT H. EASTMOND, B. Pd.,

Head of Art and Manual Training Department.

AMOS N. MERRILL, B. S., M. S.,

Head of Agricultural Department.

WILLIAM H. BOYLE,

Head of Sub-High School Department.

JOHN C. SWENSON, A. B.,

JOSEPH PETERSON, S. B., Ph. D.

ALFRED OSMOND, A. B.

WM. F. WARD, B. S.

RALPH V. CHAMBERLIN, Ph. D.

CHARLES E. MAW, A. B.

CHESTER SNOW, A. B.

W. H. CHAMBERLIN, A. M.

JENNIE B. KNIGHT, B. Pd.

VILATE ELLIOTT, B. Pd.

O. W. ANDELIN, B. Pd.

# The Faculty.

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Names are arranged in the order of seniority of appointment.

GEORGE H. BRIMHALL, B. Pd., D. Sc. D.

**President.**

NELS L. NELSON, B. Pd.\*

**English.**

JOSEPH B. KEELER, M. Ac.,

**Law and Civics.**

O. W. ANDELIN, B. Pd.,

**Foreign Languages.**

EDWARD H. HOLT, B. Pd.

**Stenography.**

JOHN E. BOOTH, B. S.,

**Law.**

EDWIN S. HINCKLEY, B. S.,

**Physiography.**

ALICE L. REYNOLDS, A. B.,\*

**English.**

JAMES L. BROWN, B. S.,

**Education.**

ANTHONY C. LUND,

**Music.**

IDA S. DUSENBERRY, B. Pd.,

**Kindergartner.**

ERNEST D. PARTRIDGE, B. Pd., B. S.,

**Mathematics.**

JOHN C. SWENSON, A. B.,

**History and Social Science.**

WM. F. WARD, B. S.,

**Mathematics.**

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\*On furlough.

## FACULTY.

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- ARETTA YOUNG, B. Pd.,  
**Drawing.**
- CHARLES E. MAW, A. B., B. Pd.,  
**Chemistry.**
- ELBERT H. EASTMOND, B. Pd.,  
**Fine Art and Manual Training.**
- MAY WARD, B. Pd.,  
**Domestic Science.**
- CHESTER SNOW, A. B.,  
**Physics.**
- ELMER E. HINCKLEY, M. D.,\*  
**Nursing.**
- JAMES L. BARKER, A. B.,\*  
**Foreign Languages.**
- ORSON D. CAMPBELL,  
**Drafting and Fine Art.**
- NELLIE SCHOFIELD,  
**English.**
- VILATE ELLIOTT, B. Pd.  
**Domestic Art.**
- RAYMOND PARTRIDGE,  
**Mathematics.**
- AMOS N. MERRILL, B. S., M. S.,  
**Agriculture.**
- EARL J. GLADE,  
**Accounting.**
- CLAIR W. REID,  
**Music.**
- ROBERT SAUER,  
**Band.**
- MOSES GUDMUNDSON,  
**Orchestra.**
- HARVEY FLETCHER, B. S.,\*  
**Physics.**
- CHRISTEN JENSEN, M. A.,  
**History.**

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## BRIGHAM YOUNG UNIVERSITY.

HANS ANDERSON,

Ironwork.

EDWIN H. SMART, B. Pd.,

Horticulture.

LOA ROBERTS,

Oral Expression and Physical Culture.

ANDREW T. RASMUSSEN, A. B.,

Biological Science.

WM. H. BOYLE,

Head Sub-High School.

MABEL BORG,

Music.

BERRY MAYCOCK,

Commercial Arithmetic.

A. E. HUIISH,

Woodwork.

FRED BUSS,

Physiography.

WILLIAM J. SNOW, A. B.,

History.

HARRIETT A. WALKER,

Typewriting.

MYRTLE NEBEKER,

Domestic Science.

MISSIA GARDNER,

Domestic Art.

CLARENCE J. HAWKINS,

Music.

VIOLA SCHUMAKER, M. A.,

Education.

EUGENE L. ROBERTS,

Physical Education.

LEONA BILLINGS,

Shorthand and Typewriting.

JULIA B. JENSEN,

English.

BESSIE EASTMOND,

Domestic Art.

HENRY ROSE, A. B.,

English and Physical Education.

- C. W. WHITTAKER,  
Modern Languages.
- WILLIAM L. WANLASS,  
Accounting.
- BERNARD S. EGGERTSEN,  
Accounting.
- FLORENCE JEPPEPERSON,  
Music.
- LIDA EDMUNDS,  
Music.
- LOTTIE HARRIS,  
Domestic Science.
- J. M. JENSEN,  
English.

## ASSISTANTS.

- HEBER C. SNELL,  
Latin.
- HUGH WOODWARD,  
Sub-High School.
- EVA PAGE,  
Typewriting.
- ANDREW S. GIBBONS,  
Mathematics.
- C. H. CARROLL,  
Biology.
- G. L. LUKE,  
Physics.
- KENNETH BORG,  
Chemistry.
- HYRUM HARRIS,  
Physiography.
- ANNA DUKE,  
Kindergarten.
- CARL F. EYRING,  
Physics.
- LAURA HICKMAN,  
English.

**TRAINING SCHOOL FACULTY.**

VIOLA SCHUMAKER, M. A., Director.  
 IDA S. DUSENBERRY, B. Pd., Kindergarten Director.  
 M. WILFORD POULSON, Critic and Grade Teacher.  
 L. JOHN NUTTALL,\* Critic and Grade Teacher.  
 ALFRED L. KELLY, Critic and Grade Teacher.  
 FANNIE McLEAN, B. Pd., Critic and Grade Teacher.  
 MAUD M. BEELEY, A. B., Critic and Grade Teacher.  
 OLIVE Y. GILCHRIST, Critic and Grade Teacher.  
 HERMES PETERSON, Critic and Grade Teacher.  
 LIZZIE LINDSAY, Critic and Grade Teacher.  
 JULIAN CUMMINGS, Nature Work.  
 BENT F. LARSON, Art and Manual Training.  
 JOHN HAND, Music.

**STANDING COMMITTEES.**

The President is ex-officio a member of all committees

**Admission and Graduation.**—Henry Peterson, James L. Brown, Earl J. Glade, E. S. Hinckley, A. N. Merrill, E. H. Eastmond, A. C. Lund.

**Advance Credit.**—James L. Brown, Charles E. Maw, Wm. F. Ward, Christen Jensen, W. H. Chamberlin.

**Library.**—Joseph Peterson, James L. Brown, O. W. Andelin.

**Lectures and Socials.**—John C. Swenson, Nellie Schofield, A. C. Lund.

**Student Aid and Employment.**—E. J. Glade, E. H. Eastmond, Vilate Elliott, E. H. Smart.

**Athletics.**—Alfred Osmond, E. L. Roberts, Henry Rose.

**Petitions.**—E. H. Smart, J. E. Hayes, Wm. J. Snow.

**Transportation.**—The Presidency, Secretary, and Alfred Osmond.

**Printing and Advertising.**—Amos N. Merrill, E. H. Holt, E. H. Eastmond.

**Student Body Affairs.**—R. V. Chamberlin, A. T. Rasmussen, E. H. Holt.

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\*On furlough.



# Brigham Young University.

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## HISTORY.

The institution, which, for the first twenty-eight years of its existence, was known as the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875. A preliminary session was held soon after its establishment, with Hon. W. N. Dusenberry as Principal, succeeded by Dr. Karl G. Maeser, who had been called by President Young to take charge of the school. The Academy was formally opened August 21, 1876, the dedicatory prayer being offered by Daniel H. Wells. Dr. Maeser continued as Principal for fifteen years, when he was promoted to the general superintendency of the Church schools; and Dr. Benjamin Cluff, Jr., was chosen to take his place. In 1894, when regular heads or principals of departments were appointed, the title was changed to that of President.

The first Board of Trustees consisted of seven members; viz., Abraham O. Smoot, William Bringham, Myron Tanner, Harvey H. Cluff, Wilson H. Dusenberry, Martha J. Coray, and Leonard E. Harrington. A reorganization took place in 1890, when the Trustees, together with the executors and heirs of Brigham Young, conveyed to a new Board all the real estate held by the Academy, an act which greatly improved the material interest of the institution.

In the death of President Abraham O. Smoot, which occurred March 6, 1895, the Academy lost one of its oldest friends and staunchest supporters. To fill the vacancy thus made, Brigham Young, the eldest son of the founder, was elected President of the Board of Trustees, and Geo. Q. Cannon and Reed Smoot were elected to fill other vacancies.

On July 18, 1896, the institution was formally incorporated

under the laws of the State. Following are the names of the incorporators who were also the Trustees of the institution: Brigham Young, Geo. Q. Cannon, Myron Tanner, Harvey H. Cluff, Wilson H. Dusenberry, Karl G. Maeser, David John, Susa Young Gates, Reed Smoot, Thomas R. Cutler, Geo. D. Snell, and Joseph Don Carlos Young.

Provision is made in the articles of incorporation that the institution shall be under the management of a board of twelve directors to be elected every three years by the Saints assembled in Annual Conference. The first election took place April 6, 1897. At a meeting of the board held August 2, 1897, Geo. Q. Cannon of the First Presidency of the Church was elected President of the Board, which position he held to the time of his death, April 12, 1901.

The Lewis Hall, situated at the corner of Center and Third West streets, was the first home of the institution. The building had been purchased for the Academy by President Brigham Young, and was re-arranged to meet the wants of the school. This hall served the purpose of the institution for nine years. By the opening of the tenth Academic year two additions had been completed, mainly by the munificence of President Smoot. Six months later, on the night of Jan. 24, 1884, the entire structure was destroyed by fire.

The school was now without a home and without means to rent, buy, or build one. Only one day, however, was lost. The basement of the old Tabernacle, Mr. S. S. Jones' store, and the newly completed First National Bank building were generously turned over for the use of the school during the remainder of the year. The following year the floor of the large Z. C. M. I. warehouse was leased. Here the school remained for six years, at the expiration of which the new building was completed, and on Monday, Jan. 3, 1892, it was formally entered and dedicated.

Founder's day was first celebrated in the year 1891, and has since become a prominent holiday. This day, 1896, was signalized by two important events. The first was the formal creation, by the Board of Trustees, of the College. The second was the placing of the eight grades of the Normal Training school in a separate building.

While this removed the pressure of enrollment to a certain extent, a point in the school's growth was soon reached when more room became necessary. The need was promptly met, however, by the following named persons: Wilford Woodruff, George Quayle Cannon, Joseph Fielding Smith, Reed Smoot, Jesse Knight, Charles Edwin Loose, Jesse William Knight, Alfred William McCune, Inez Knight, and Stephen L. Chipman. The collegiate building, the dedication of which took place during Commencement week, 1898, now stands as a monument to their liberality. The tableted chairs and settees with which the rooms are seated were donated by the patrons and friends of the school through the Alumni association.

The Brigham Young Academy South American Expedition with President Benj. Cluff, Jr., in charge, started on its journey April 17, 1900, and returned to Provo, February 7, 1902. During the two years that President Cluff was away, the institution was under the supervision of Dr. Geo. H. Brimhall as Acting President.

On Feb. 17, 1902, the Gymnasium and Training School, a building erected at a cost of \$35,000.00, was dedicated. The means for this structure was mainly the gift of public-spirited friends, chief of whom were Jesse Knight and David Evans. On the same day, President Cluff, having returned from South America, resumed his office as President of the institution.

For a long time it had been felt that the character of the work of the institution entitled it to a more comprehensive name. This fact having been recognized by the Board, on Founder's day, 1903, the name was formally changed from the Brigham Young Academy to that of Brigham Young University.

On Dec. 22, 1903, President Benjamin Cluff, Jr., severed his connection with the institution, his resignation having been accepted a short time before. The management of the school then fell upon Dr. George H. Brimhall as Acting President until the close of that school year, when he was appointed President of the University.

On October 26, 1904, the Missionary and Preparatory building was dedicated by President Joseph F. Smith. The first two stories of this building were erected by donations from the Alpine, Nebo, Utah, and Wasatch Stakes of Zion, and were set



apart for the home of the Missionary Department and Preparatory school. The third story was fitted up for Domestic Science and Art work, Miss Emma Lucy Gates contributing nearly One Thousand Dollars, with a view to founding in the near future a Domestic Science Department, bearing the name of her grandmother, Lucy B. Young. The cost of the entire structure was over \$13,000.00.

During this same year, another building was erected at a cost of \$2,500.00 for the instruction of the workers in iron. Ten forges in this building were donated by public spirited citizens. The growth of the school during this year was marked also by the organizing of a school of Arts and Trades, including an Iron Work department.

During the year 1905-1906 there were established two scholarships for girls—the Maria Y. Dougall scholarship, and the Eliza Woolacott scholarship.

During the year 1906-1907, the degree A. B. was substituted for the degree B. Pd. Two hundred and eighty acres of land were purchased on the mountain side east, ten acres more were purchased on Temple Hill, and 500 acres of excellent land situated on Provo bench were donated to the institution by the Knight family. Members of the Faculty and members of the Board of Trustees contributed \$1,000 for the purchase of apparatus for the laboratory of Physics.

During 1907-1908 the students, teachers, and patrons of the school contributed a fund of \$2,025.70, with which cement walks were laid throughout the grounds. Another notable contribution by the students and teachers was one of \$1,000, with which a small plot on the point of Temple hill was purchased, and donated to the institution. The dedication of Temple hill for educational purposes took place January 16, 1908, President Joseph F. Smith offering the dedicatory prayer.

The General Church Board of Education, February 11, 1909, established in this institution the Church Teachers' College, and concentrated here all the college or university work of the Church school system. In accordance with this decision, the organization of the University in general was modified.

## ORGANIZATION.

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The Brigham Young University as now organized comprises the Church Teachers' College (the work of which is described in another catalogue), and two secondary schools; a Normal school, offering the regular four-year courses and leading to a diploma fitting the student to teach in the graded schools of the state; and a High school of four years' work, in which the student may specialize in any one of five directions; viz., (1) in the regular science and classical departments, preparatory for college work; (2) in the Commercial department, preparatory for a business career; (3) in the department of vocal and instrumental Music, leading to professional work in the field of music; (4) in the department of Art and Manual Training, preparatory for the varied demands of active life; and (5) in the department of Agriculture, preparatory for scientific operations in farming, horticulture, and animal husbandry.

A Sub-High school or preparatory department will be continued as heretofore, the aim being to prepare young men and women who have passed the district school age, to enter the Normal or High school.

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## SCHOOL SOCIETIES.

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### THE STUDENT BODY.

This is an organization effected by the students themselves. Aside from its general purpose as a voice medium of the student body in their relation to other schools, it is a powerful adjunct to the Domestic organization in maintaining proper order and decorum.

### POLYSOPHICAL SOCIETY.

For a number of years it has been the policy of the institution to offer to the students a series of lectures by distinguished men from abroad. The necessity for thus coming in contact with the larger life and thought of the world is apparent to all. To

supply this need is the function of the Polysophical Society. Formerly its chief aim was to present miscellaneous programs by local talent. It has, however, gradually evolved into a lecture bureau for supplying the University with the best talent obtainable, not only from home, but also from abroad.

### **ART SUPERVISION ASSOCIATION.**

This organization consists of teachers of the activities who are graduates of this institution, and are in the practical field of work; also of prospective graduates of the college or four-year High school. The purpose is to further the interests of the profession.

### **MASTERBUILDER CLUB.**

This organization has been established for the benefit of students having special talent in any phase of fine and applied art. Students become life members on entrance and remain such as long as advancement is shown by them. During the year lectures on practical application, and other topics in connection with arts and trades, will be given by members of the Faculty and recognized educators.

### **THE LITERARY SOCIETY.**

This organization is primarily for the benefit of the classes in English, Elocution, and Literature, though membership is open to all students. The purpose is to cultivate the literary taste of its members, and to furnish opportunity for acquiring facility in public speaking. It is under the direct control of the department of English.

### **SCHOOL EQUIPMENT.**

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### **THE PHYSICAL LABORATORY.**

The rooms used for college physics are favorably situated in the south side of the basement floor, thus affording sunlight for optical experiments and comparative freedom from vibration as well as constant temperature conditions so necessary for accurate physical work. The electrical and magnetic laboratory as well as the dark room for optical work are equipped with mas-



sive masonry piers, and heavy slate shelves set into the walls, which are a great convenience in all delicate work requiring absolute freedom from vibrations. For the experimental study of electricity, magnetism, and light the laboratory is exceedingly well equipped, containing galvanometers of every grade and range volt and ammeters, a large storage battery in a special room, direct and alternating current supply, with a complete line of Reichsaustalt standard resistances, a Carey Foster Bridge, quadrant and attracted disc electrometers, a Hartmann and Braun powerful electro-magnet, a precision potentiometer with cadmium standard cells, standards of induction and capacity, earth inductors, electrical tuning forks, magnetometers, etc., spectrometers, a spectroscope, diffraction gratings, Fresnel's mirrors and prisms, a Michelson interferometer, a Geryk vacuum pump, polariscope, and accurate polarimeters with Babinet and Soliel compensators for study of elliptically polarized light, a dividing engine with micrometer microscope, a two-mirror heliostat, wireless telegraphy, X-Ray outfit, etc.

### THE LABORATORY OF CHEMISTRY.

The rooms used for laboratory work in chemistry are on the basement floor of the High School building. Two rooms are used for storing and compounding chemicals and two for regular experimental work. Each desk contains lockers for the student's materials and is supplied with water and gas. The laboratory for the more accurate chemical analyses is provide with a number of balances varying in sensibility. Four of these are of the highest degree of accuracy. They are mounted on agate bearings and are of the finest workmanship.

In a fifth room is constructed a furnace for work in fire assaying.

Immediately adjoining the lecture room is the laboratory which is modestly equipped with the most modern and best apparatus for work in physiography, meteorology and geology.

The laboratory is provided with gas and water, with an up-to-date system of lockers and storage cases, so that each individual student is provided with all necessary apparatus and a proper place for storing the same.

The laboratory has a large collection of topographic, geologic and soil maps, a collection that is rapidly growing. In the lab-

oratory room there is also a good working library of about 200 bound volumes and several hundred pamphlets, professional papers and bulletins.

We are provided with a good stereopticon and a large collection of choice slides made principally from our own negatives.

The broad, flat roof of the building furnishes an excellent opportunity for observation, as well as an ideal location for meteorological apparatus, by means of which a complete daily record of weather conditions is kept.

The growth of the museum during the last few years has made it a valuable addition to the department of biology and geological science.

### **LABORATORY OF GEOLOGICAL SCIENCE.**

The laboratory and lecture rooms of this department are located on the third floor of the High School building and are admirably adapted for laboratory and study purposes.

The lecture room will comfortably seat 100 students and is provided with maps, charts, models, a mercurial barometer, and a good collection of typical minerals for class room demonstration.

### **BIOLOGICAL LABORATORIES.**

The laboratories, supply rooms, and museum of the biological department are well lighted rooms, located on the second floor. The laboratories are provided with running water, gas and electricity, student work tables, individual lockers, general supply tables and shelves, aquaria, animal cages, plant boxes, etc. A fish hatchery is maintained in connection with the laboratories by the state. For general work there is a supply of dissecting and compound microscopes of the most recent patterns, camera lucidas, micrometers, and other accessories. The department possesses sliding and rotary Minot microtomes, incubators, water baths, and a good supply of dissecting dishes, stender dishes, petri dishes, slides and covers, and other glassware; also a high grade microphotographic camera with all the requisite accessories for photographic and lantern slide work, together with a well equipped dark room. The biological collections are rapidly increasing and already furnish ample material for demonstration and special study. Extensive series of prepared slides along embryological and histological lines are available to students for

supplementary and special studies. Specially prepared wall charts and wax models, showing the embryological development of various vertebrates, are provided.

For the work in physiology ample equipment has been newly provided. This makes possible the most thorough and modern experimental work. There is a full supply of such apparatus as the following: kymographs, muscle and heart levers, inductoria, chronographs, electric tuning forks, batteries, various types of clamps, electrodes, ergographs, cardiographs, sphymographs, cannulas, ophthalmoscopes, perimeters, test lenses, artificial eyes, haemometers, haemocytometers, centrifuge, manometers, stethographs, stethoscopes, respiratory schemes, water baths, sterilizers, dialyzers, and a complete line of the needful glassware and chemicals.

### THE PSYCHOLOGICAL LABORATORY.

The Psychological laboratory is provided with charts and apparatus for illustrative purposes in lecture work and for the requirements of a year's work in general experimental psychology. Among other things the laboratory contains such valuable instruments as a large electric motor ratator with variable speed, for color mixing, etc.; a Seashore's audiometer, for careful tests of acuity of hearing; a set of Edelmann's resonated tuning forks with some duplicates, a Galton's whistle, etc., for work on tones; Jacquet's graphic chronometer, kymograph, etc., for accurate time measurements; Vernier chronoscope, for reaction time experiments, automatograph, memory apparatus, dynamometer, plethysmograph, etc., for experiments on the more complex mental process. New pieces of apparatus are constantly added as needs require.

### DEPARTMENT OF AGRICULTURE.

The nature of agricultural work takes the student into the field for much of his laboratory work. The great variety of trees, shrubs and grasses, the variation in soil types, the activity in irrigation and drainage, and the interest taken in the development of the live stock industry in the vicinity of the University, together with the demonstration plot of ten acres on the college campus on which the student may carry on experiments, give ample facilities for thorough work. In addition to the above, the



department laboratory is equipped with apparatus necessary to conduct experiments in soil physics, and to do systematic work in crop judging, horticulture, agricultural bacteriology and entomology.

### LABORATORIES OF APPLIED ARTS.

The laboratories of the various applied arts and manual training are provided with all necessary equipments for the courses offered. In the iron and woodwork shops electric power is provided to run the lathes, saws, etc.

### THE ART STUDIO.

Much careful attention has been given to the selection and collection of nature specimens, casts, still-life, textiles, and other equipment necessary for the courses. The furniture is carefully adapted to the students' needs.

The loans of E. H. Eastmond comprise an extensive and valuable collection of photographs, reproductions of paintings and motif matter in print form; a collection of stereopticon lantern slides on the history of art and kindred subjects, of still-life and textiles, of reference books on arts, crafts, etc., and a collection of authorized models in the various lines of fine and applied arts.

The department is collecting all the works of art possible and has now in its possession various pieces of rare value.

Appropriate cases are provided for students' use in keeping their work.

### EXHIBITIONS.

A special room is set apart for exhibit purposes. The work of the school is constantly on exhibition for the public as well as for the students of the University.

The University Gallery of Art, comprising works of eminent Utah artists, is open regularly for the benefit of students and the public.

The Annual Exhibition of Arts is held at the end of each school year.

Each graduating student of the department of Art and Manual Training has the privilege of exhibiting his work.

### THE UNIVERSITY LIBRARY.

The library consists of 10,429 bound volumes and some 9,100 pamphlets.

Class organizations of the school have been the chief contributors in the past, the Class of '97 setting the pace. The subjects contributed have been as follows:

Philosophy, by the Class of '97—252 vols.

Theology, by the Class of '98—720 vols.

Literature, by the Class of '00—215 vols.

History, by the Class of '02—383 vols.

Science, by the Class of '03—452 vols.

Psychology and Pedagogy, by the Class of '04—200 vols.

American Antiquities, by the Class of '05—27 vols.

Economics and Sociology, by the Commercial School—30 vols.

Periodicals, by the High school '04—201 vols.

An event of great importance to the Library was the formal gift, on April 24, 1908, of the Maria Leland Library, by Mr. F. W. Smith, of Los Gatos, California. This collection consists of 1,500 volumes on Physics, Chemistry and allied subjects, a collection worth upwards of \$7,000.

**Designated Depository Library.**—Through the courtesy of Senator Reed Smoot, the Government made this a depository library, on May 18th, 1908. Since that date the library has received 2,158 public documents, of which 250 are bound.

It is understood, as a United States depository library, we guarantee that all publications sent to us shall be made available for the free use of the general public; also that they remain the property of the United States, and must not be loaned outside the institution.

### New Classification of Books.

The University Library is classified and catalogued, according to the Dewey Decimal system, and the Dictionary Card Catalogue method of reference. Following is the basis outline for this classification:

000 stands for Bibliography, Cyclopedias, etc.

100 stands for Philosophy.

200 stands for Religion.

300 stands for Social, Science, Economics, Politics, etc.

400 stands for Language.

500 stands for Science.

600 stands for Useful Arts.

700 stands for Fine Arts.

800 stands for Literature.

900 stands for Travel, Biography, History.

For convenience these classes are usually referred to as *hundreds*, rather than as *units*; e. g., the 600's, meaning the useful arts.

Each class may be divided and subdivided, each division being indicated by the addition of one or more figures. It is not usual to assign a number consisting of more than six figures.

All books bearing the same number are shelved together as far as practicable. The class number combined with another known as the author number (both together being spoken of as the call number) is written in the volume and on the catalogue card, and thereby becomes a symbol by which one book is distinguished from another, and by which it may be located on the shelf when this call number is known.

Most of the newspapers of the state are sent to the University gratis, and are at the disposal of the students.

## MUSEUM.

The Museum is an important feature in the department of Natural Science. Among the notable exhibits is a collection of 1,200 birds from Mexico, Central America, and South America, made by the exploring expedition. There are also collections in Mineralogy, Geology, and Physical Geography, which are constantly being increased. Friends, patrons, and students of the institution are respectfully invited to make such donations and contributions to this department as their kindness and ability will suggest. A record of such contributions will be kept in the archives of the University, and will be open for inspection at any time. In sending specimens state the name of the donor, the place where the specimen was found, and add such other facts as will be of interest to the student.



**PRIZES IN PUBLIC SPEAKING.**

There have been established at the University the following prizes for contests in public speaking:

1. **The Barton and Blake Gold Medal** for the best Washington's Birthday oration. Awarded last year to Guy Hafen.

2. **The Jex Gold Medal** for the best oration on any subject. Awarded last year to Percy Craven.

3. **The Kirkham Medals**, given to those students who make the debating team. Awarded last year to Curtis Larson, Charles Schwencke, David R. Mitchel, Hugh Woodward, Elmer Miller.

# Domestic Organization.

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The disciplinary part of the University is placed as much as possible in the hands of the students, with a view to developing in them the power of self-government. Obedience to the necessary rules and regulations is enjoined upon all, both in and out of school; but students are taught to yield obedience from a sense of honor. As soon as a student demonstrates his inability to govern and control himself, he is labored with by the domestic officers (leading students) and the Faculty. If he persists in disobedience, and shows a lack of proper self-control, he is suspended or expelled at the discretion of the authorities.

The Domestic organization is the disciplinary part of the University in and out of school. A senior is appointed over each boarding place, whose duty it is to see that everything in that boarding place is in order; and should there be disorder and confusion, it is his duty to report immediately to the proper authorities. The duty of the domestic officers is to see that students are properly cared for, have proper facilities for study, and are pursuing with diligence and profit their respective studies; also that proper hours are kept, and no evil tolerated among the student body.

## RULES OF DISCIPLINE.

It is assumed that students will conduct themselves, under all circumstances, as ladies and gentlemen, and that they have entered school for the sole purpose of getting an education.

Students are subject to the rules and regulations of the University, both in and out of school.

1. In case of injudicious expenditure of means, any student may be called to account by the President.
2. The use of strong drink and tobacco is not permitted.
3. Students are not permitted to attend public parties, ex-

cept on special request of parents or guardian, and by permission of the President; nor are students permitted to hold or to attend any parties, or other social functions, during the school week (from Monday until Friday), except by special permission of the faculty.

4. Irregularity in habits, keeping late hours, having improper associates, or visiting places of questionable repute, will not be tolerated.

5. Students are expected to honor the authority of the seniors of their boarding places, as representatives of the Faculty.

6. No student can honorably discontinue attendance, except at the close of a semester, without a release from the President.

7. Students will be held responsible for the cost of any damage done by them to the property of the institution.

8. Any disciplinary announcement made by the Executive of the school becomes a part of these rules of discipline.

9. Violation of any of the rules of the University lays the offender liable to suspension or expulsion.

### FEES.

#### Entrance Fees:

|   |                |
|---|----------------|
| Normal School .....                     | \$15.00 a year |
| High School .....                       | 15.00 " "      |
| Commercial department .....             | 34.00 " "      |
| Music department .....                  | 15.00 " "      |
| Art and Manual Training department..... | 15.00 " "      |
| Agricultural department .....           | 15.00 " "      |
| Sub-High School .....                   | 15.00 " "      |

Students may take out life membership certificates in the Normal School, and in any department of the High School except the Commercial, by paying \$29.00 the first year, and \$9.00 each succeeding year. In the Commercial department, the life membership certificate costs \$49.00 the first year and \$19.00 each succeeding year.

Special students are charged at the rate of \$12.00 for each unit course.

Pupils entering the Training School will be charged an annual fee of \$2.50.

Regular students in other departments of the university may take Commercial courses at half price.



**Laboratory Fees for each Semester:**

General Chemistry, \$5.00.

Organic Chemistry, \$5.00.

Quantitative Analysis, \$5.00.

Qualitative Analysis, \$5.00.

Assaying, \$10.00.

Physics, \$2.00.

Mineralogy, \$2.00.

Economic Geology, \$2.00.

Woodwork, \$3.50.

Iron Work, \$3.00.

Botany, \$2.00.

Zoology, \$2.00.

Physiology, \$2.50.

Physiography, \$1.50.

Physiography of the U. S., \$1.00.

Studio Work, 50c to \$2.50.

Design, \$1.00.

Drawing, 50c.

Dressmaking, \$1.50.

Domestic Art, 50c.

Domestic Science, \$2.50.

Normal Manual Training, \$1.00.

Normal Manual Training, Laboratory Work, 50c to \$2.50.

Shop Work, 50c.

Fine Art, 50c to \$2.50.

Applied Art, 50c to \$2.50.

Drafting 50c.

**Graduation Fee:** \$5.00 to be paid not later than ten days before graduation.

A fee of \$1.00 is charged for each special examination for advance credit, or for removing conditions.

# The Normal School.

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The Normal school provides for the technical and professional preparation of principals and teachers for public schools. During the fourth year the Teachers' College of the University is open to the normal students, and most of the courses are taught by college professors. The Church Normal Training school, which is established in connection with the University, furnishes an opportunity for the normal student to make practical application of the principles of education, methods of teaching, and school government. Practical school-room work in all the grades of the public schools is given in training under professional teachers.

Students who wish to specialize in any subject and prepare themselves for supervisors will be assigned additional work under special teachers. When they have completed the required work in the special subjects, it will be designated on their diplomas.

## ENTRANCE REQUIREMENTS.

Applicants for admission to the Normal school must be at least fourteen years of age, and when not admitted on certificate, must pass examination in the following branches:

**Arithmetic.**—Fundamental principles; simple numbers; fractions (compound and decimal); percentage and interest. Werner's III Book in Arithmetic, or an equivalent.

**Grammar.**—Parts of speech, their uses and relations in connected discourse. Ability to analyze simple, complex, and compound sentences.

**Geography.**—Position, boundary, coast lines, and chief ranges and rivers of grand divisions; principal cities of the world and the geography of the United States. "Natural Advanced Geography," or an equivalent.

**Reading.**—Ability to read intelligently ordinary prose.

**Spelling and Punctuation.**—Ability to spell common English words and punctuate the simpler forms of sentences.

**Penmanship.**—Ability to write a free, legible hand.

**Note.**—Candidates failing in no more than three of the above subjects may be permitted to enter with conditions. These conditions must be worked off before the opening of the next school year after entrance. Candidates for admission to the Normal school who have completed the eighth grade work in any approved school, may, on presentation of their certificates, be admitted without examination.

### GRADUATION.

Two diplomas are offered: a Normal diploma which requires preparation to teach the grades of the public schools, with special emphasis on grammar grade work; a Kindergarten normal diploma which requires preparation to teach Kindergarten and primary grades of the public schools.

Fifteen units of credit are required for either diploma, which must include: for the Normal diploma, English 3, Mathematics 1, Science 2, History 1, Education  $2\frac{1}{2}$ ; and for the Kindergarten diploma, English 3, Science 1, Drawing  $\frac{1}{2}$ , Manual Training  $\frac{1}{2}$ , Elocution  $\frac{1}{2}$ , Music  $\frac{1}{2}$ , Education  $2\frac{1}{2}$ . (For statement of units of credits and number of recitations per week, see tabulated list in the High school.)

## COURSES IN EDUCATION.

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Professor Brown.  
Director Schumaker.  
Professor Eastmond.  
Director Dusenberry.  
Instructor Young.  
Instructor Cummings.  
Instructor Larsen.

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### PSYCHOLOGY.

**a. Elementary Psychology.**—A study of the fundamental intellectual processes and their physiological expression. The office of the teacher in stimulating mental activity. Lectures supplemented with practical observations, introspection, and tests. First semester.

### THEORY OF TEACHING.

**a. Evolution of Methods.**—This course deals with the aim and scope of education. The growth of educational ideals and systems as expressed by ancient and modern educators. A special study of modern ideals and practical school-room methods used in working them out. Relationship of educational factors, home, school, church, press, society. Lectures supplemented by individual research. Texts, Seeley's "History of Education," Thorndike's "Education." Second Semester.

**b. Methods.**—Discussion of the educational value of the subjects of study. Methods studied from the standpoint of psychology. Students will prepare plans of recitation and outlines of studies. Discussion of school management, including organization, regulation, rewards, punishments, recreations. Throughout the year.

### TRAINING.

**a. Class Work.**—This course is taken in connection with Course b in methods, which lays the foundation for practice work. Students will prepare plans of recitation, subject to the criticism of the critic teacher and training supervisor; will teach



a class three hours each week under observation. Subsequently they will meet in critic class, to discuss failures and successes. Students will receive suggestive plans, outlines, stories, poems, songs, gems, and practice in the art of story telling. First semester.

**b. Department Supervision.**—Much of the work of course a will be continued, varied by subject matter and grades. In addition the student will be given opportunity to correlate and control the work of an entire grade. Second semester.

### NATURE STUDY.

**a.** This course is for those who expect to specialize in primary grade work. It covers in a general way some of the fundamental principles in the sciences that are necessary for the successful teaching of nature study in the grades. Two hours recitation and two hours laboratory work throughout the year.

### KINDERGARTEN WORK.

In order to provide proficient teachers to meet the existing conditions made possible by the Kindergarten Law, a four-year normal course is offered for those desirous of specializing in both the lower grades and in kindergarten work. The first two years of this work are the same as the first two years of the regular normal work.

If, during the third and fourth years, the student chooses kindergarten work for the elective hours, and completes it, two diplomas will be awarded at graduation, one for kindergarten work, and one for regular normal work.

### KINDERGARTEN THEORY.

**a. Occupations or Hand Work.**—A study of the principles and methods which give educational value to all hand work done by the children, given according to the most recent educational methods adopted at Columbia University, New York City.

**b. Gifts.**—A consideration of selected and connected play material for the child.

**c. Play and Games.**—The construction and use of games in accord with the child's interests and activities and the development from games of more highly organized forms of activity.

**d. Stories.**—Lectures and Discussions. A survey of appropriate literature for children, with discussions and demonstra-

tions of the principles underlying the presentation of stories to children.

**e. Froebel's Mother Play.**—Lectures and comparisons with present-day plays of children. A specific study of the child and child nature in connection with his daily activities.

**f. The Kindergarten Program.**—Lectures, discussions, and reports. A determination of the Kindergarten program through study of the child's interests and activities and the use of the gifts, occupations, songs and stories.

Any one, or more, of the above named courses may be elected by regular students of the Normal school.

### NORMAL DRAWING.

**a. Form Study.**—Composition in line, in dark and light, modeling in clay. Brush drawing, leaves, flowers, fruit, applied in pictorial composition and in design. Object drawing. Practical blackboard drawing. Circular perspective, light, shade, and texture color study. Application work. Freehand perspective: distance represented in line, form, tone, and atmosphere. Object sketching; motives for landscape illustration. Illustrative sketching. Lettering. Practical method work. Materials: paper, water colors, charcoal, wax crayon, pencil, etc. There will be a studio fee of 50c each semester, which is to furnish models, tools, etc.

**Note.**—Candidates who desire to continue Normal Drawing will consult the director of the department.

### NORMAL MANUAL TRAINING.

**a. Correlative Handicraft for Primary Grades.**—Paper-work, tag-board construction, straw-board construction. Clay work emphasized. Braiding, plaiting, weaving, and other lines of textile work. Practical method work. Basketry. Design a is recommended as a parallel course. A fee of \$1.00 each semester is charged for tool equipment.

**b. Correlative Handicraft for Grammar Grades.**—Clay work, whittling (Sloyd), working drawing, bench work. Elementary metal work. Basketry (native material). Practical method work. Design a is recommended as a parallel course. A fee of \$1.00 is charged each semester for tool equipment.

**Note.**—Candidates for courses in Normal Art, Normal Manual Training, or Normal Art and Manual correlation, will consult the Principal of the Normal School.

# High School.

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As the College of the Brigham Young University has evolved, step by step, through the grades of a preparatory school, it has necessarily left a well developed, well equipped high school.

## ENTRANCE REQUIREMENTS.

Students who do not present certificates of graduation from the eighth grade, must pass entrance examinations identical with those of the Normal school.

## GRADUATION.

Fifteen full units of credit are required of all candidates for graduation from the regular high school course. The following units are prescribed: English, two units; Science, two units; Mathematics, one unit; History and Civics, one unit.

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## TABLE OF CREDITS.

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Owing to the fact that most high schools of the state are conducted on the plan of a 45-minute period of recitation, whereas this school gives one hour periods, it has been found necessary to adopt some other unit than the hour, in order to get a just basis for correlating credits, in the case of transfers to and from other schools. A unit of credit, as outlined below, stands for the equivalent of one 45-minute period of recitation each day throughout the school year. In courses where the number of periods of recitation is greater or less than this, the periods of preparation will be lengthened or shortened, so as to compensate. No credit will be given or recorded for work amounting to less than  $\frac{1}{2}$  unit.

## FIRST YEAR COURSES.

|                                     | Recitations<br>per week | Units<br>of Credit |
|-------------------------------------|-------------------------|--------------------|
| Agriculture a, a-1 .....            | 4                       | $\frac{1}{2}$      |
| Algebra* a .....                    | 4                       | 1                  |
| Animal Husbandry a .....            | 4                       | $\frac{1}{2}$      |
| Band Music a .....                  | 4                       | $\frac{1}{2}$      |
| Bookkeeping a, b.....               | 4                       | 1                  |
| Commercial Arithmetic a .....       | 4                       | 1                  |
| Design a .....                      | 3                       | $\frac{1}{2}$      |
| Domestic Art a .....                | 4                       | $\frac{1}{2}$      |
| Domestic Science a .....            | 4                       | $\frac{1}{2}$      |
| Drawing a .....                     | 3                       | $\frac{1}{2}$      |
| English* a, b .....                 | 4                       | 1                  |
| English j and k .....               | 2                       | $\frac{1}{2}$      |
| French* a .....                     | 4                       | 1                  |
| German* a .....                     | 4                       | 1                  |
| Ironwork a .....                    | 3                       | $\frac{1}{2}$      |
| Latin* a .....                      | 4                       | 1                  |
| Orchestra a .....                   | 4                       | $\frac{1}{2}$      |
| Penmanship a .....                  | 4                       | $\frac{1}{2}$      |
| Physical Education a (2 years)..... | 3 or 5                  | $\frac{1}{2}$      |
| Physical Education b (2 years)..... | 3 or 5                  | $\frac{1}{2}$      |
| Physiography a .....                | 3                       | $\frac{1}{2}$      |
| Singing a, b.....                   | 3                       | $\frac{1}{2}$      |
| Theology a, b.....                  | 4                       | $\frac{1}{2}$      |
| Typewriting a .....                 | 4                       | $\frac{1}{2}$      |
| Woodwork a .....                    | 3                       | $\frac{1}{2}$      |

\*The starred courses are suggested to students who expect to do College work.



## SECOND YEAR COURSES.

|                                      | Prerequisites.       | Recitations<br>per week | Units<br>of Credit |
|--------------------------------------|----------------------|-------------------------|--------------------|
| Agronomy a .....                     |                      | 2                       | $\frac{1}{2}$      |
| Animal Husbandry b .....             |                      | 2                       | $\frac{1}{2}$      |
| Band Music .....                     |                      | 4                       | $\frac{1}{2}$      |
| Bookkeeping c, d .....               | Bookkeeping a, b ... | 4                       | 1                  |
| Commercial Arithmetic c .....        |                      | 4                       | $\frac{1}{2}$      |
| Correspondence a .....               | English a, b .....   | 3                       | $\frac{1}{2}$      |
| Design b .....                       | Drawing a .....      | 3                       | $\frac{1}{2}$      |
|                                      | or Design a          |                         |                    |
| Domestic Art b .....                 | Domestic Art a ..... | 4                       | $\frac{1}{2}$      |
| Domestic Science b .....             | Design a .....       | 2                       | $\frac{1}{2}$      |
| Drawing b .....                      | Drawing a .....      | 3                       | $\frac{1}{2}$      |
| Dressmaking a .....                  | Domestic Art a ..... | 4                       | $\frac{1}{2}$      |
|                                      | or Design a          |                         |                    |
| English* c, d .....                  | English a, b .....   | 4                       | 1                  |
| French* b .....                      | French a .....       | 4                       | 1                  |
| Geometry* a (Plane) .....            | Algebra a .....      | 4                       | 1                  |
| German* b .....                      | German a .....       | 4                       | 1                  |
| History* a, b .....                  |                      | 3                       | 1                  |
| Horticulture a .....                 | Agriculture a .....  | 2                       | $\frac{1}{2}$      |
| Ironwork b or b-2 .....              | Ironwork a .....     | 4                       | $\frac{1}{2}$      |
| Latin* b .....                       |                      | 4                       | 1                  |
| Orchestra b .....                    |                      | 4                       | $\frac{1}{2}$      |
| Physiography b .....                 |                      | 3                       | $\frac{1}{2}$      |
| Physical Education a (2 years) ..... |                      | 3 or 5                  | $\frac{1}{2}$      |
| Physical Education b (2 years) ..... |                      | 3 or 5                  | $\frac{1}{2}$      |
| Singing c, d .....                   |                      | 3                       | $\frac{1}{2}$      |
| Special Elocution a .....            |                      | 2                       | $\frac{1}{2}$      |
| Theology c, d .....                  |                      | 4                       | $\frac{1}{2}$      |
| Woodwork b .....                     | Woodwork a .....     | 3                       | $\frac{1}{2}$      |

\*The starred courses are suggested to students who expect to do College work.

## THIRD YEAR COURSES.

|                                     | Prerequisites.           | Recitations<br>per week | Units<br>of Credit |
|-------------------------------------|--------------------------|-------------------------|--------------------|
| Agronomy b.....                     | Agronomy a .....         | 2                       | ½                  |
| Algebra b.....                      | Algebra a .....          | 4                       | ½                  |
| Animal Husbandry c.....             | Animal Husbandry a ..... | 2                       | ½                  |
| Botany* a .....                     |                          | 2                       | ½                  |
| Chemistry* a .....                  |                          | 3                       | 1                  |
| Chemistry a-1 .....                 |                          | 3                       | ½                  |
| Civics a .....                      |                          | 2                       | ½                  |
| Domestic Art c.....                 | D. Art a, Design a..     | 4                       | ½                  |
| Domestic Science c .....            |                          | 5                       | 1½                 |
| Drafting a.....                     | Draw. a or Design b      | 3                       | ½                  |
| Drawing c.....                      | Drawing b .....          | 2                       | ½                  |
| Dressmaking b.....                  | Dressmaking a.....       | 4                       | ½                  |
| English* e.....                     | English c, d.....        | 3                       | 1                  |
| Forestry a .....                    |                          | 2                       | ½                  |
| French* c.....                      | French b .....           | 4                       | 1                  |
| Geometry b (Solid).....             | Geometry a .....         | 4                       | ½                  |
| German* c.....                      | German b .....           | 4                       | 1                  |
| Harmony a, b .....                  |                          | 4                       | 1                  |
| History c, d .....                  |                          | 3                       | 1                  |
| Horticulture b.....                 | Horticulture a .....     | 2                       | ½                  |
| Horticulture e .....                |                          | 2                       | ½                  |
| Kindergarten Theory a, b, c.....    |                          | 4                       | 1                  |
| Latin* a .....                      |                          | 4                       | 1                  |
| Law a .....                         |                          | 2                       | ½                  |
| Nature Study .....                  |                          | 2                       | ½                  |
| Normal Drawing a .....              |                          | 3                       | ½                  |
| Normal Manual Training a,b.         | Geometry a .....         | 3                       | ½                  |
| Physical Education a (2 years)..... |                          | 3 or 5                  | ½                  |
| Physical Education b (2 years)..... |                          | 3 or 5                  | ½                  |
| Physics* a.....                     | Geometry a .....         | 4                       | 1                  |
| Psychology a .....                  |                          | 4                       | ½                  |
| Shorthand a .....                   |                          | 4                       | ½                  |
| Singing e .....                     |                          | 3                       | ½                  |
| Special Elocution b .....           |                          | 2                       | ½                  |
| Studio Work.....                    | Draw. b or Design b      |                         | ½                  |
| Theology e, f .....                 |                          | 4                       | ½                  |
| Theory a.....                       | Psychology a .....       | 4                       | ½                  |
| Woodwork c.....                     | W'd'k b or Design a      | 3                       | ½                  |

\*The starred courses are suggested to students who expect to do College work.

## FOURTH YEAR COURSES.

|                                      | Prerequisites.        | Recitations<br>per week | Units<br>of Credit |
|--------------------------------------|-----------------------|-------------------------|--------------------|
| Agronomy c (Thremmatology) .....     |                       | 2                       | ½                  |
| Agronomy d .....                     |                       | 2                       | ½                  |
| Agronomy e (Agr. Bacteriology) ..... |                       | 2                       | ½                  |
| Animal Husbandry d.....              | Animal Husb. a, b..   | 2                       | ½                  |
| Commercial Geography a .....         |                       | 4                       | ½                  |
| Comparative Physiology a..           | Chemistry a-1 .....   | 4                       | 1                  |
| Domestic Art d.....                  | Dom. Art a Des'n a,b  | 4                       | ½                  |
| Drafting b or b-1.....               | Drafting a .....      | 2                       | ½                  |
| Economics a .....                    |                       | 4                       | 1                  |
| English f, g.....                    | English d .....       | 3                       | 1                  |
| English h.....                       | English d .....       | 2                       | ½                  |
| English l .....                      |                       | 2                       | ½                  |
| Harmony c .....                      |                       |                         | ½                  |
| History and Civics e, f .....        |                       | 4                       | 1                  |
| Horticulture c and c-1.....          | Horticulture a, b.... | 2                       | ½                  |
| Horticulture d .....                 |                       | 2                       | ½                  |
| Kindergarten Theory d, e, f..        | Theory a .....        | 4                       | 1                  |
| Latin b.....                         | Latin a .....         | 4                       | 1                  |
| Physical Education a (2 years).....  |                       | 3 or 5                  | ½                  |
| Plant Pathology .....                |                       | 2                       | ½                  |
| Shopwork.....                        | Design a or Design b  |                         | ½                  |
| Shorthand b.....                     | Shorthand a .....     | 4                       | 1                  |
| Singing f .....                      |                       | 3                       | ½                  |
| Sociology a, b .....                 |                       | 2                       | ½                  |
| Studio Work.....                     | Draw. b or Design b   |                         | ½                  |
| Surveying a.....                     | Trigonometry .....    | 4                       | ½                  |
| Theology g, h.....                   |                       | 4                       | ½                  |
| Theory b.....                        | Theory a .....        | 4                       | ½                  |
| Training a, b.....                   | Theory a .....        | 4                       | 1                  |
| Trigonometry a.....                  | Geometry b .....      | 4                       | ½                  |
| Woodwork d.....                      | W'dwk c, Drafting a.  | 3                       | ½                  |

## COURSES IN THEOLOGY.

The aim in the courses here outlined is less to teach the facts of theology than to awaken the spiritual life; in other words, the intellectual aspect of religion is constantly counted of less moment than the development of a warm personal testimony of the Gospel. The theological work is the same in all departments, and practically all of the teachers are engaged in teaching this subject.

**a. Book of Mormon.**—History of its coming forth and relationship of the various books composing it. Students will read first half of the book. Reynolds' "Story of the Book of Mormon" may be used for reference.

**b. Book of Mormon.**—The second half of the book and external evidences of its divine authenticity.

**c. Life of Christ.**—The story of Christ's life will be followed as developed in the four Gospels, which students will be required to read. Special emphasis will be given to the principles He taught. Farrar's "Life of Christ" should be read for reference.

**d. Apostolic Age.**—The lives and missionary work of the Apostles as set forth in the New Testament will be taken up. Students will read the Acts, the Epistles, and Revelations.

**e. Old Testament.**—Historical relationship of the books in the Old Testament. Students will read the narrative portions of the text, including Kings, Chronicles, Samuel, Job, and Esther. Teacher will set forth the divine authenticity of the book.

**f. Old Testament.**—Students will read the poetic, didactic, and prophetic books of the Old Testament. Special emphasis will be placed on those prophecies which have their fulfillment in our day.

**g. Church History and Doctrine.**—The history of this dispensation of the Gospel, as set forth in the publications of the Church, will be followed. Special emphasis will be laid upon the divine mission of Joseph Smith; on which subject, Orson Pratt's "Was Joseph Smith Sent of God?" will be read.

**h. Church History and Doctrine.**—Continuation of g.



## COURSES IN ENGLISH.

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**Professor Osmond.**

**Instructor Schofield.**

**Instructor Roberts.**

**Instructor Julia B. Jensen.**

**Instructor Rose.**

**Instructor J. M. Jensen.**

**Assistant Laura Hickman.**

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In the following courses in English the aim is to develop the power of oral and written expression and to cultivate a taste for good literature. Special attention is given to written composition and individual criticism of themes. In the courses in English literature prescribed reading is an important part of the student's preparation.

**a, b.**—Grammar, minor classics, elementary rhetoric and simple exercises in oral and written composition. Four recitations per week, throughout the year.

**c, d.**—Rhetoric and classics, review of grammar, oral and written composition. Four recitations per week, throughout the year.

**e. History of English Literature.**—This course deals with the history and development of English Literature. Lectures and prescribed reading. English c and d required. Four recitations per week, throughout the year.

**f, g. Advanced Rhetoric.**—This course deals with the principles of invention, narration, description, exposition, and argumentation. Four recitations per week, throughout the year.

**h. Debating.**—This course trains students in public speaking. It consists of theoretical and practical work in argumentation. Original debates are briefed, written, and rehearsed for criticism. English d is required. Two recitations per week, throughout the year.

**j. Oral Expression.**—Training in thought-getting from the printed page, and the adequate expression of the same. In this course underlying principles of reading will be studied and by daily platform work given practical application. Voice production, gesture, and other elements of elocutionary training will

receive attention. First year students may elect this course. Two recitations per week throughout the year.

k. **Oral Expression.**—The instruction will follow the general lines of the work in course j, elaborated. Shakespeare's "Julius Caesar" will be interpreted orally. Open to all who have completed course j. Two recitations per week throughout the year.

l. **Analytical Grammar.**—The purpose of this course is to study the scientific basis of the English language. Much attention will therefore be given to the written analysis of sentences. Two recitations per week, throughout the year.

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## COURSES IN FOREIGN LANGUAGES.

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Professor Barker.\*  
Professor Andelin.  
Instructor Whittaker.  
Instructor Snell.

Students associate the words of the foreign idiom directly with the mental image or idea; the foreign language becomes then an independent medium of thought, and is itself used as the instrument of further study. In order to secure a good pronunciation the student is carefully drilled in phonetic principles.

### GERMAN.

a. **Elementary German.**—German questions, and grammatical exercises with blanks to be filled out, are given for home work. At the board, dictation of German questions, and in class, conversation in German, based for the most part on Hozel's pictures. As new words are met, they are associated at once with the object or the idea they represent. Four hours throughout the year.

b. **Intermediate Course.**—Reader and selected nineteenth century classics. Synonyms are used extensively to prepare for use of an all-German dictionary, and students are aided in the use of the dictionary. Four hours throughout the year.

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\*On furlough.

**c. Advanced German.**—Eighteenth and nineteenth century classics. Direct German composition and extempore speaking. Four hours throughout the year.

### FRENCH.

**a. Elementary French.**—Detail study of phonetics, in as far as it may aid the student in acquiring a good pronunciation and accent. Four hours throughout the year.

**b. Intermediate Course.**—Reader and classics. Benoit's *Dictionaire Francaise*. Four hours throughout the year.

**c. Advanced French.**—Nineteenth century classics. French composition and oral narration. Moliere. Composition and extempore speaking. Four hours throughout the year.

### LATIN.

**a. Elementary Latin.**—The reading and translating of simple sentences and paragraphs, illustrative of Latin inflections and syntax. The aim of this course is to furnish the student with a working knowledge of elementary Latin grammar, a liberal vocabulary, and ability to understand easy Latin prose. These acquirements fit the student to begin the study of Caesar's "*De Bello Gallico*" in the second year. Text book: Dr. Hale's "*A First Latin Book*." Four hours throughout the year.

**b. Elementary Latin.**—The reading and translating of anecdotes and parts of Caesar's "*De Bello Gallico*." In this course the constant application of the principles of grammar learned in the first year, and the continuous strengthening of the vocabulary help to fix the Latin language in the student's mind, and make it a permanent possession. Text book: Kelsey's "*Caesar's Gallic War*." Four hours throughout the year.

## COURSES IN MATHEMATICS.

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Professor Ward.

Professor Partridge.

Instructor Partridge.

Assistant Gibbons.

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## ALGEBRA.

a. **Elementary Algebra.**—This course is designed for beginners and will include a careful consideration of the subjects treated in Stone-Mills' "Higher Algebra" to page 252. Throughout the year.

b. **Elementary Algebra.**—Stone-Mills' "Higher Algebra" completed. Required, Algebra a. Second semester.

## GEOMETRY.

a. **Plane Geometry.**—Wentworth's "Revised Geometry." Required, Algebra b. Throughout the year.

b. **Solid Geometry.**—Wentworth's "Revised Geometry" completed. Required, Geometry a. First semester.

## TRIGONOMETRY.

a. **Plane and Spherical Trigonometry.**—Crockett's "Plane and Spherical Trigonometry" complete. First semester.

## SURVEYING...

a. **Plane Surveying.**—Second semester.



## COURSES IN PHYSIOGRAPHY.

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Professor Hinckley.

Instructor Buss.

Assistant Harris.

**a. Elementary Physiography.**—This course is introductory to the study of the natural and physical sciences. It deals with the earth as the home of man. Two recitations and the equivalent of two hours laboratory or field work each week. Students must reserve one afternoon in the week for this laboratory or field work. Throughout the year.

**b. Physiography of the United States.**—This course is for students who have taken **a** and wish to know more about the physical geography of our country. The present topography and climate of the U. S. will be studied in the light of the agencies which are modifying the physical condition of the country. Much attention will be given to the effect of topography and climate on the settlement and industries of the country. One recitation and three hours laboratory work. Throughout the year.

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## COURSES IN HISTORY AND SOCIAL SCIENCE.

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Professor Swenson.

Assistant Professor Jensen.

Instructor Snow.

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### HISTORY.

**a and b. Ancient History.**—This course is planned for second year students, and covers the period from the earliest times to the fall of Rome. Throughout the year.

**c and d. Modern History.**—This course is planned for high school students, and covers the period from the fall of Rome until the present time. Throughout the year.

**e. American History and Civics.**—The expansion of England. The settlement and colonization of America, the Revolu-

tion, and the formation of the Constitution. This course will emphasize the constitutional development of the American nations. It also includes a critical study of the Constitution and of the political theories of the early American period. Channing's "History of the United States." First semester.

**f. American History and Civics.**—From the adoption of the Constitution until the present, including a discussion of the development of the government and the workings of political parties. In courses e and f maps, digests, and special reports will be required. Channing's "History of the United States." Second semester.

### SOCIOLOGY.

**a. Elementary Sociology.**—Deals with the origin, natural history, and anatomy of a society. First semester.

**b. Elementary Sociology.**—Social psychology and pathology. Topics and assigned reading. Small and Vincent's "Introduction to the Study of Sociology." Second semester.

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## COURSES IN BIOLOGY.

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Instructor Rasmussen.

Assistant Carroll.

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### COMPARATIVE PHYSIOLOGY.

**a.** A general course in animal and human physiology, developed by the comparative method. Laboratory study and experimentation are made the basis of the course. Throughout the year.

### BOTANY.

**a.** Study in laboratory, field and class of a series of selected types from all the principal plant groups, with attention to the elementary facts of physiology and to ecology. Throughout the year.

## COURSES IN PHYSICAL SCIENCE.

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**Professor Snow.**

**Professor Maw.**

**Assistant Luke.**

**Assistant Borg.**

**Assistant Eyring.**

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### PHYSICS.

a. **Elementary.**—Milikan and Gales' "First Course in Physics," will be used as text. Throughout the year.

### CHEMISTRY.

a. **General Chemistry.**—This course consists of three recitations and two hours laboratory work per week, throughout the year. The fundamental ideas of chemical science will be considered: the facts of chemical combinations by weight and volume; the atomic theory as at present developed in connection with chemistry; the chemical nomenclature and symbols in use; a general survey of descriptive chemistry of the elements and their compounds, inorganic and organic.

al. **General Chemistry (for Normals.)**—This course consists of three recitations and four hours laboratory work per week, during one semester. The fundamental ideas of chemical science will be considered. Special emphasis will be placed on the descriptive and practical side of chemistry. The chemistry of daily life will be constantly referred to. Special attention will be paid to the common poisons and their antidotes; methods of disinfecting rooms, etc. The laboratory work aims to teach facts in chemistry by observation, experiment, and induction. First semester.

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## DEPARTMENT OF PHYSICAL EDUCATION.

**Director E. L. Roberts.**

**Instructor Loa Roberts.**

The Gymnasium occupies the third story of the Training school building, a substantial brick structure 125 feet long and 65

feet wide. It is well lighted, heated, and ventilated, and is equipped with all modern apparatus including the best devices from the German and Swedish gymnasia as well as American appliances. The equipment includes four dressing rooms supplied with lockers, shower, baths, etc.

A thorough physical examination and measurement is offered each student yearly, and a record of results is kept as a basis of advice as to exercise and regimen. All students requiring special care are assigned exercises according to their individual needs.

During the early part of the course lectures on health topics will be given by the Director, the examining Physician, and other members of the Faculty.

The athletic field is one of the largest and best situated in the West. It lies upon Temple hill overlooking the entire valley and lake, and receives directly invigorating breezes from the near-by canyons. The grounds contain thirty acres, including a quarter mile track, base ball and association foot ball grounds. Each member of the University is encouraged to engage in some form of out-of-door sports or games, and special training will be given those desiring to fit themselves for field and track events.

### **Physical Training (for Men and Women.)**

**a.**—This course educates the physical powers of the students, increases muscular and mental co-ordination, self control, self confidence and courage; and developes health and strength. The instruction includes all forms of light and heavy Swedish and American gymnastics, Heavy German Apparatus work, Folk dancing, Gym dancing, Marching, and Indoor games. Special instruction will also be given in boxing and wrestling. Three or five hours per week throughout the year.

**b. Medical Gymnastics.**—This will be special prescription work for students suffering from various forms of deformity amenable to treatment by physical appliances, and for those who need treatment for poor circulation, malnutrition, dyspepsia, and constipation.



## SPECIAL COURSES IN ELOCUTION.

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**Instructor Loa Roberts.**

Aside from the regular courses as offered under the head of English, an opportunity is here given to receive special training in elocution and physical expression. Dramas and elocutionary recitals have occasionally been presented by this department, and students are frequently called upon to appear at meetings of the Literary society, upon Commencement programs, and at public entertainments generally. In this way they obtain the needed experience and practice in public speaking.

**a. Literary Interpretation.**—This course is designed for advanced students of reading. Its aim is to give ability to interpret the printed page by continual individual practice with personal help and criticism. A number of literary masterpieces will be studied to develop emotional power and literary appreciation. Oral Expression (Eng. j, k) prerequisite. Two hours per week throughout the year.

**b. Pedagogical Aspects of Reading and Elocution** —Fundamental pedagogic principles of vocal expression and the psychology of the criteria of oral expression. This is a course outlined for those who desire to become teachers of expression. Two hours throughout the year.

### **Tuition Fees.**

Class of eight to twelve—\$8.00 each a semester. Two lessons per week.

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## SPECIAL COURSES IN NURSING.

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**Dr. Hinckley.\***

**a. General Nursing.**—Introductory: nursing and nurses. Nursing as it pertains to the sick-room and hospital ward. Beds, bed making and bed sores. Food and administration. Medicines and their administration. Contagion and disinfection. Res-

piration, ventilation, warmth, observation of symptoms. Circulation, pulse, temperature. The skin, baths, massage, application. Kidneys, catheterization, bowels, enemata. Bandaging, fractures, dislocations. Nursing in obstetrical cases. Nursing in special medical cases. Nursing in emergencies, surgical and medical. Oral and written examinations. Throughout the year. (Not given in 1910-1911.)

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\*On furlough.

### MISSIONARY COURSE.

A course for the preparation of missionaries will be given under the direction and supervision of the general missionary committee of the Church. This course will extend over two years, or to such time as in the judgment of the faculty the persons are prepared for missionary field work. Each student will be duly called by the general authorities of the Church, and will take the regular theology and one extra hour in theology each day; and he will also pursue such other studies as are deemed necessary to make him a fair representative of our people abroad.

The only entrance requirement to this course is the proper credentials from the authorities calling the person to this educational mission. The course in a general way will consist of theology, drill in reading and speaking, history, language, correspondence, and conducting meetings.

Students who desire may take any line of work in the institution for which they have a special aptitude and the time. Tuition for the missionary course will be free for the general course. They will, however, pay for courses elected outside of the missionary course.

## COMMERCIAL DEPARTMENT.

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The work of the Commercial department is co-ordinate with the work of the High School. The courses of study are arranged to meet the various classes of students who enter. Students who are not prepared to take a four-year course, may with profit take two years' work, specializing either in Bookkeeping or Shorthand; or if they have the necessary preparation, they may complete the Bookkeeping or Shorthand in one year.

### ENTRANCE REQUIREMENTS.

Students may enter at any time, though it is better to commence at the beginning of a semester. Applicants for admission must be at least fourteen years of age and give evidence that they are able to carry the work successfully.

### GRADUATION.

Fifteen units of credit are necessary to graduate from this department. Two units in English will be required of all students. Those specializing in Bookkeeping will be required to furnish 3 units in Bookkeeping, and Commercial Arithmetic; and those specializing in Shorthand will be required to furnish 2½ units in Shorthand and Typewriting.

### COURSES.

The courses that pertain particularly to the Commercial department are: Bookkeeping, Commercial Arithmetic, Shorthand, Typewriting, Penmanship, Correspondence, Civics, Commercial Law, Parliamentary Law, Commercial Geography, and Economics.

Courses in Theology, English, Algebra, Geometry, History, etc., which students of the Commercial department are expected to pursue, are listed in the High School courses on pages 32, 33, 34 and 35 of this catalogue.

Students cannot take the first courses in Bookkeeping and Shorthand during the same semester.

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## BOOKKEEPING.

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Professor Glade.

Instructor Wanlass.

Instructor Eggertsen.

Students with no previous preparation are first assigned work

in the Theory department. This consists of lectures on the Science of Accounts with practical illustrations in debit and credit. The student next learns to "keep books" in double entry by a variety of methods, designed to illustrate various labor-saving journals and devices; and to explain wholesale, retail and commission business, etc. Along with this work he is required to make out invoices of goods, statements, balance sheets, and to draw up notes, drafts, and checks according to legal and approved forms.

A variety of the best modern systems is used, among which are those of Goodyear-Marshall, Williams & Rogers, and Sadler & Rowe. This insures a completeness that could not be obtained from the use of a single system. After the beginning week, in the Theory department, the student is given individual work, which brings him constantly in direct contact with the teacher.

**a. Science of Accounts.**—This study takes up commercial forms and business principles. The work is largely practical; i. e., making out business papers, opening, posting, and closing books, etc. First or second semester.

**b. Science of Accounts.**—Continuation of a, including commission business. First or second semester.

**c. Business Practice.**—Here actual business is carried on. The capital invested is Commercial school currency. Buying and selling in the strictest sense becomes, therefore, an everyday experience of the student. He rents places of business, and makes out the leases; buys real estate, and makes out the deeds; pays freight and express charges for goods received over the Commercial students' railway; makes out invoices of goods sold, draws up notes for things bought on time; deposits money; in fact, he does business in a natural and sensible way, just as it is done every day. Also, either a course in corporation or manufacturing accounting, the choice being left to the student. First or second semester.

**d. Banking.**—This work is introduced by a course in theoretical banking designed to illustrate the use of the various books, ticklers, proof sheets, ledgers, etc., followed by actual practice in both of the school's banking institutions.

**Office Work.**—The aim of this department of the work is to familiarize the student with various kinds of office work. At one time he is wholesaling goods; at another he is in the real

estate business; then he is freight agent; and so he occupies positions which develop skill and ability and give valuable experience.

**Expert Bookkeeping.**—The changing from Single Entry to Double Entry Bookkeeping; from the Partnership to the Incorporation; the opening entries necessary at the establishment of State and National Banks, Incorporations and various other businesses; the arranging of sets of books that would conform to specified conditions; auditing accounts, putting into order books out of balance, also form part of this course. Throughout the year.

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## COMMERCIAL ARITHMETIC.

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**Professor Glade.**  
**Instructor Maycock.**  
**Instructor Wanlass.**

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This study is all that its name implies—arithmetic for business men. Many students on entering the Commercial school need a little “brushing up” before they are able to enter upon this subject. These will find proper places in some of the many arithmetic classes taught daily in the grades and the Sub-high school.

**a. Commercial Arithmetic.**—Special attention is given to the applications of percentage, and practice in rapid calculation. First or second semester.

**b. Continuation of a.**—Special attention is given to interest, true discount, bank discount, commercial paper, partial payments, stocks and bonds, averaging accounts, and partnership settlements. First or second semester.

**c. Rapid Calculations.**—Accuracy and rapidity in arithmetical calculations is emphasized. Innumerable short-cuts, of practical value, are introduced. The student is also made familiar with the various methods of error detecting as employed by the best accountants. Second semester.



**LAW.**

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**Professor Keeler.**  
**Judge Booth.**

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Every man should be his own lawyer—more for the purpose of keeping out of difficulty than of getting out when in. The student is made acquainted with those features of law that every business man should understand.

**a. Commercial Law.**—Lectures supplemented by textbooks. This study embraces the subjects of contracts, agency, partnerships, corporations, guaranty, sale of goods, commercial paper, real estate, etc. Gano's Commercial Law. Throughout the year.

**b. Parliamentary Law.**—Rules governing the proceedings of legislative bodies, societies, and public gatherings. First semester.

**c. General Law.**—Lectures on the manner of passing laws, proceedings in court, etc. First or second semester.

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**CIVICS.**

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**Professor Keeler.**

**a. Civil Government.**—The making of the American government, the state government, and the national government. Throughout the year.

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**CORRESPONDENCE.**

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**Professor Holt.**

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To write a business letter and say just what should be said without unnecessary words, and have it free from errors in form

and composition, is an accomplishment which few possess. It is demonstrated, however, that those who take this course in correspondence soon develop a remarkable ability for letter-writing. This branch is most important; for young people must learn sooner or later that to save time in business correspondence is one of the means to acquire wealth and lengthen life.

**a. Business Correspondence.**—The art of business and social correspondence from the best models. Second semester.

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## SHORTHAND.

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**Professor Holt.**

**Instructor Billings.**

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The value of Shorthand is ununiversally recognized. Business men have learned that there is a better and easier way to attend to their correspondence than by the tedious pen process. They have discovered that correspondence which formerly consumed the day, may now be disposed of in a few minutes. This has opened the way for the professional amanuensis, and has provided an army of young people with remunerative employment.

**a. Shorthand Principles.**—A careful study of the principles of Shorthand as contained in the Phonographic Amanuensis, by Jerome B. Howard. First or second semester.

**b. Dictation.**—Writing of unfamiliar matter from dictation, and making transcripts of same upon the typewriter. The ability to do neat, accurate and rapid work, is the purpose of this course. First or second semester.

## TYPEWRITING.

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Instructor Billings.

Instructor Walker.

Assistant Page.

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**a. Elementary.**—Learning of the keyboard, and the care and use of the different parts of the machine. Practice exercises consist of words, sentences, business, letters, and commercial forms. Throughout the year.

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## COMMERCIAL GEOGRAPHY.

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Professor Glade.

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**a.** This subject will be treated under the following heads: the relation of geography and commerce; climate and commerce; the forest; the man element in commerce; mineral products; trade of the Western hemisphere; trade of the Eastern hemisphere. First semester.

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## PENMANSHIP.

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Professor Glade.

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By no means has the typewriter done away with the practicability of good business writing. To the accountant, it is indispensable. It is always apparent that the good writer does not experience much trouble in locating himself desirably.

**a.**—Special attention is given to form, position and movement. Zaner's and Palmer's methods are followed. Throughout the year.

**Note.**—Students of the Commercial department may elect studies from any other department of the High school without extra expense, except laboratory fees.

## DEPARTMENT OF MUSIC.

The department of Music gives theoretical and practical instruction in branches indispensable to the educated musician. By a participation of many in the same studies, a true musical feeling is awakened, giving an advantage over private instruction, promoting industry, and preventing onesidedness against which every singer and player during years of training should be on his guard. By miscellaneous programs, concerts, recitals, daily choir, chorus, and band drill, pupils are afforded opportunity to become accustomed to public performance, and are thereby better able to satisfy the demands which the public makes. Courses extend over four years. Each pupil applying for admission will be given an examination by which it will be ascertained whether he possesses talent requisite for enrollment, and if so, to which grade he should be assigned. Pupils exhibiting sufficient preliminary knowledge can at once be placed in upper classes. Where foundation work has been slighted, such pupils may, however, be required to attend lower classes to make up the deficiency.

## GRADUATION.

A diploma will be given where the student has 15 units of credit, provided those credits shall include the following:

|   |    |       |
|---|----|-------|
| English .....                           | 2  | units |
| History, Science, and Mathematics ..... | 3  | "     |
| Modern Language .....                   | 1  | "     |
| Orchestra, Band, or Vocal classes ..... | 1½ | "     |
| Instrumental or Vocal .....             | 3  | "     |
| Theology .....                          | 2  | "     |
| Solfeggio .....                         | ½  | "     |
| Harmony and Composition .....           | 1  | "     |

## CONCERTS AND RECITALS.

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The Committee on Lectures and Socials brings from far and near, the best obtainable talent. Noted singers and players, and even great symphony orchestras, have filled successful engagements with us; the large number of students serving to place admission fees within easy reach of all. Recitals are held each Wednesday at 12 p. m., in which the teacher and advanced students take part. Thus a varied musical atmosphere is provided free. This has proved itself a source of culture and inspiration to all. The singing classes of the University have attained an enviable reputation throughout the inter-mountain region. Several hundred students begin to train their voices each year. Some of Utah's finest singers, now well on their way to fame, received their instruction in these classes.

The entrance tuition to the Music department entitles the student to all other High school and Normal courses required for graduation.

Entrance tuition does not entitle students to private lessons, which must always be arranged for with the teacher. It is the policy of the department to bring beginning students frequently before the teacher,—preferably by two students at a time. The divided period will count as a half lesson only.

Private students must in the graduating year take at least two lessons per week. Teachers are not allowed to assign time for lessons until financial arrangements have been made with the registrar.

To encourage Band music, the special fee paid by the student for the band will entitle him to all the Band instruction as heretofore, and also entitle him to private instructions from the teachers of the Band instruments to the full amount of the tuition paid. This is in view of the fact that pupils who cannot play correctly alone must first be prepared for ensemble work. Class instruction, which is open to High school and Normal students free of charge, does not include Harmony, Composition, Solfeggio or Music History.



## COURSES IN VOCAL MUSIC.

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Professor Lund.  
Professor Reid.  
Instructor Jepperson.  
Instructor Hand.

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### SINGING.

The singing classes of the University have attained an enviable reputation throughout the inter-mountain region. Over two hundred students begin the training of their voices in this school every year.

a and b. Reading, Voice-Building and Part Singing.—Throughout the year.

c and d. Style Anthems and Expression.—Criticism, easy chorus. Throughout the year.

e. Difficult Quartette and Chorus.—Throughout the year.

f. Opera.—Selections from oratorio and opera. Throughout the year.

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### PIANO MUSIC.

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Professor Reid.  
Professor Lund.  
Instructor Borg.  
Instructor Hawkins.  
Instructor Edmunds.

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a.—Major Scales. Kohler's First Little Pieces.

b.—All Scales. Kuhner's First Book of Etudes.

c.—Scales in Thirds. Scales in Sixths. Arpeggios. Kuhner's First Book of Instructive Pieces.

d.—Scales Double Thirds; Double Sixths. Kuhner's second and third books of Etudes.

e.—Fertigkeit—Czerny. Germer Technic. Kuhner's Fourth Book of Instruction.

f.—Sonatas. Beethoven. Lighter pieces from Chopin, Grieg, Schumann, Mendelssohn, etc. Appropriate selections from standard authors will be given.

g.—Advanced technic work; Bach's Preludes and Fugues. Sonatas and pieces from standard composers and some of the lighter ensemble playing.

h.—Preludes and Fugues and Concerto.

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## COURSES IN VIOLIN MUSIC.

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Professor Gudmundson.

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a. **Correct Position of Violin and Bow.**—Hohmann's Book 1 and 2. Blumenstengel scales in first position.

b. **Continuation of Hohmann's Studies in Book 3** and second and third positions of Book 4. Scales and arpeggios in three positions.

c. **Completion of Hohmann's Book 4**, covering fourth, fifth, sixth and seventh positions. Begin the scales, arpeggios, and studies for promoting dexterity, by Schradieck, Book 1.

d. **Hohmann's Book 5**, with exercises and duets covering all positions. Continuation of Schradieck's Book 1. Begin Blumenstengel's twenty-four Etudes.

e. **Continuation of Schradieck's Book 1**, and Blumenstengel's twenty-four Etudes. Begin Schradieck's Book 2 for double-stops.

f. **Begin Kreutzer's Forty-two Caprices.** Schradieck's Book 3 for modes of knowing. Continuation of scales.

g. **Continue Kreutzer's Forty-two Caprices.** Begin concertos and concert pieces by the masters.

h. **Finish Kreutzer's, Concertos and Concert Pieces.**

**Credit** in the above courses will be given by the teacher at the close of each semester. The number of hours will be determined by the amount of time put in by the pupil and the degree of efficiency attained.

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## ORCHESTRA MUSIC.

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**Professor Gudmundson.**

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**a. Foundation Work.**—Students entering this work must be able to play their instrument so that no time will be taken from the class for fundamental instructions in playing, which should already have been learned in private lessons. Material used: Easy arrangement of overtures, operatic selections, dances and miscellaneous music. Throughout the year.

**b. Concert Orchestra.**—This organization takes part in the concerts and various entertainments where the extent of the school orchestra work can be judged. Thirty members constitute the present membership. Students who have had experience sufficient to take this work may do so, provided the instrumentation of the orchestra will be correct. Throughout the year.

**Harmony c and d.**—A course in form and composition will be given three hours each semester.

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## BAND MUSIC.

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**Professor Sauer.**

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**a. Beginners Class.**—The fundamentals of music, as pitch, staff, clefs, time, signatures, scales, keys, etc., and the playing of

an instrument. The course considers how to interpret music, style, embellishment, expression, tone, time, breathing, and other details. Material used: Easy overtures, selections and dances. Three hours practice throughout the year.

**b. Concert Band.**—Open for those who have completed course **a**. This band takes part in the concerts and other entertainments. Individual members will be trained in the art of conducting. Four hours practice, throughout the year.

**Private Instruction** by Professor Sauer will be given on following instruments: Bassoon, String-Bass, Cornet, Baritone, Tenor, Alto, Trombone, Bass, Drums.

### CORNET AND TROMBONE.

These instruments can be confidently recommended. They offer opportunity for practical use, and nearly every where fair returns in wages. The students who play these instruments can well afford to take private lessons, which should precede work.

**Note.**—It would be well for those who do not have an instrument, and who intend purchasing one, to consult the instructor.

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## THEORETICAL COURSES.

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Instructor Hawkins.

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### SOLFEGGIO.

This course provides the music student with a good systematic drill in ear-training, sight-singing, and the fundamental principles of music. Students are taught to know how music sounds by looking at the printed page, also to write a melody after hearing it played.

**a. Drill in Major and Minor Key Signatures.**—Spelling all major and minor scales rapidly, interval reading, ear-training, singing easy intervals. First semester.

b. Ear-training (single intervals, triads, seventh chords, and their inversions), sight-singing. Dictation exercises. Second semester.

### THEORY OF MUSIC.

Through this course the student becomes acquainted with the architectural side of music. Learns that musical ideas do not follow each other in a hap-hazard way, but that they always conform to some well defined plan.

a. **Acoustics.**—A study of the physical laws of music, which enables students to comprehend the principle on which each instrument is constructed, and to account for the different qualities and character of musical sounds. The tempered scale, pitch and its perception. Laws governing rhythms, tempomarks, accents, natural and artificial grouping, metronome marks, embellishments, etc. Meter—All the different meters taken up in their relation to hymnology. First semester.

b. **Musical Form.**—Figure treatment, leit-motif, all the simple song-forms studied and analyzed; sonata forms, vocal forms, contrapuntal forms, canon, ending with an analysis of the fugue. Second semester.

### HARMONY.

This teaches the student to think in combinations of sounds, or chords, also studies the laws governing the succession of these chords.

a. **Short Review of Rudiments** of music, scales and intervals. Principle triads and their inversions, cadences. The dominant seventh chord. First semester.

b. **Secondary Triads and Inversions.**—Dominant ninth chord, diminished seventh chord, modulation. Second semester.

c. **Modulation Continued.**—Secondary seventh chords, chromatic passing tones, mixed chords. First semester.

d. **Altered Chords**, enharmonic changes, suspensions, retradations, appoggratura, embellishment, organ point, harmonizing florid melodies, figured chorale, analysis. Second semester.

### MUSIC HISTORY.

a.—This course is essential to music students. It broadens them, and helps them to understand and appreciate their art. We first study the beginnings of music, the origin of some of



the earliest instruments, early Chinese music, ancient Egyptian, Hebrew, Greek, and Roman music. The beginning of opera, development of pianoforte and organ, oratoriac and religious music, ending with a discussion of the musical influence of the present.

This course teaches us to understand the different epochs of music, how composers are influenced by other composers, and how music grew from the crude imitation of nature to the fine art of today.

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## WOODWIND.

(Clarinet and other Instruments.)

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Instructor Hawkins.

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This department offers the woodwind student exceptional opportunities. A woodwind club will be organized for those students who are sufficiently advanced, and will rehearse once a week with the purpose of doing concert work.

Private instruction will be given by Instructor Hawkins on the following instruments, and the course will aim to prepare practical musicians:

Clarinet, Flute, Oboe, Saxophone, Cornet, French Horn, Slide Trombone.

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## PUBLIC SCHOOL MUSIC.

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Instructor Hand.

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The course is not to prepare students to do work as music teachers or supervisors, but to aid the grade teachers in their work.

**a. Rudiments.**—Tonal tendencies, major and minor intervals, pitches, triads, signatures, dynamics, rhythms, note reading, and simple melody writing.

**b. Rudiments Continued.**—Note reading, sight singing; discussion of problems involved in proper treatment and training of child voice; chorus practice and individual practice; singing of songs suitable for primary grades. A consideration of methods, etc.

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### SPECIAL FEES IN MUSIC.

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#### Classes.

Harmony—\$10.00 year (or semester.)

Theory of Music—\$10.00 year (or semester.)

Solfeggio—\$10.00 year (or semester.)

Music History—\$5.00 year (or semester.)

#### Private Lessons.

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Harmony—\$15.00 semester (one lesson per week.)

Counterpoint—\$15.00 semester (one lesson per week.)

Harmonic Analysis—\$15.00 semester (one lesson per week.)

Orchestration—\$15.00 semester (one lesson per week.)

Band arranging—\$15.00 semester (one lesson per week.)

Harmony and Solfeggio should be taken together (1 unit credit for the two, combined.) The same with Theory and Music History.

## DEPARTMENT OF ART AND MANUAL TRAINING.

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The purpose of this department is to develop more fully the power of brain, strength of character, and skill of hand. An incidental aim is to cultivate self-control, and establish an appreciation of beautiful and skilled expression in the constructive and fine arts,—in other words to educate the user to appreciate more fully the art of the maker.

Because of the influence which objective nature has upon the productive sense, it is necessary that the brain become more and more sensitive to all forms of beauty, that there may be true grace as well as consistent form in construction.

The work is especially adapted to the conditions and opportunities of this region. Emphasis is placed upon the study and possibilities of native materials and their use in industrial work.

### GRADUATION.

This department offers diplomas in the following lines of work: (1) General Art with Drawing or Design emphasized; (2) General Manual Training with Woodwork, Ironwork, or Drafting emphasized; (3) General Household Economics, with Domestic Science, Domestic Art, or Dressmaking emphasized.

Fifteen units of credit are required for graduation, and must include: English, 2 units; Science, 1 unit; Mathematics, or History and Civics, 1 unit; Manual Training (Drafting, Woodwork, Ironwork, Domestic Science, Domestic Art, or Dressmaking), or Art (Drawing, Design, Studio Work, Craftwork),  $3\frac{1}{2}$  units.

### LECTURES.

A series of lectures is arranged by the director and faculty of the department to benefit the students in a general educational manner. Credits, etc., arranged with the director.

### ART COURSES.

a. **Form Study and Expression.**—Study of line, dark and light, mass, etc. Representation in clay. Brush drawing. Object Drawing, involving circular perspective, dark and light, light and shade, texture expression and suggestion. Color study. Application work. Free hand perspective: distance representation in line, values, etc. Sketching from nature. Illustrative

sketching. Correlation work with physiography, botany, literature, etc. Laboratory fee, \$1.00. Throughout the year.

**b. Form Study and Expression.**—Continuation and review of a. Wash drawing. Study of artists and their works. Representation in clay. Application work. Pictorial composition introduced. Laboratory fee, \$1.00. Throughout the year.

**c. Form Study and Expression.**—Continuation of b. Elementary cast drawing. Animal drawing. Pose drawing. Anatomical study and drawing. Pictorial composition continued. Application work. Clay work.

### DESIGN.

**a. Elementary.**—This course is given to benefit students of all lines of applied arts, domestic science and manual training. The principles of art as applied to form and decoration. Adaptation of nature form to design. Mural design, involving color, anatomical drawing of nature form. Lettering introduced. Required: Drawing a. Laboratory fee, \$1.00 per semester. Throughout the year.

**b. Elementary.**—Continuation of a. Color work emphasized. Furniture design and design of architectural details. Design a required. Drawing b recommended as a parallel course. Laboratory fee, \$1.00 per semester. Throughout the year.

**Note.**—Design a and b are subject to division into two sections, one for gentlemen and the other for ladies. This division is necessary as the respective students correlate with different phases of construction and apply the principles of art to different lines of material.

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## COURSES IN MANUAL TRAINING.

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### DRAFTING.

**a. Mechanical Drafting.**—Use and care of instruments, mounting of paper, lettering, geometric figure drawing, projection, intersection of solids and development of surfaces. To be continued throughout the year. Geometry a required.

**b. Architectural Drawing.**—Projection of shadows, instrumental perspective. To be continued throughout the year. Required: a and b. Text: Architectural Drawing by C. F. Adminster.

**b-1. Machine Design.**—This course begins with the drawing of elementary parts of machines. Plan and elevation drawings; methods of representing sections, concluded with finished drawing for the pattern shops. Throughout the year. Drafting a required.

Note.—A \$1.00 per year laboratory fee per course is charged for the above, to supply general equipment, models, etc.

**Shop Work** may be arranged with the Director.

### WOODWORK.

**a. Elementary.**—Materials and their adaptation. Adaptation, adjusting and care of tools. Principles of construction and the application of same. Correlation of design and drafting.

**b. Elementary.**—Continuation of a. Principles of construction involved in fence construction, architectural detail, simple farm buildings, simple bridges, etc. Wood-finishing and wood-turning introduced. Correlation of design and drafting. Saw-filing.

**c. Elementary.**—Continuation of the principles taken up in a and b. Selection and adaptability of woods. Study of the industry of lumbering. Cabinet work. Shingling. Design a and Drafting a required.

**d. Elementary.**—General joinery and furniture construction. Simple sash work introduced. Continuation of the principles taken up in a, b and c. Wood carving introduced. Creative design emphasized. Drafting correlated. Combination work of wood and related materials. Design b recommended. Drafting b required.

### IRONWORK.

**a. Elementary.**—Explanation of tools and materials. Squaring, welding, twisting. Elementary principles of blacksmithing.

**b. Continuation of Forging.**—The making of tools, such as wrenches, picks, hammers, etc. Work in steel; steel and iron welds, springs, tire setting and scroll work. Throughout the year.

**b2. Machine Shop Work.**—This course includes the following: filing, chipping, and hand fitting. Lathe work is designed to cover all the ordinary operations in turning to form, boring and chucking in the lathe. The grinding of tools, thread-cutting, ec-



centric and face-plate work. Polishing and good finish is required upon all machine work.

Instruction in the use and care of machinery is given throughout the course. Drafting a or Design a should be taken as a parallel course. Throughout the year.

### SHOP WORK .

Elementary shop work may be arranged with the director of the department.

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## COURSES IN DOMESTIC SCIENCE.

**a. Food Preparation.**—An inductive study of food materials and fundamental principles of cookery. Practice given in cooking vegetables, cereals, eggs, and meat; and in making bread, cake and simple salads, and desserts. Two periods per week of two hours each, throughout the year.

**b. Home Sanitation and Economics.**—This course includes the following topics: elementary bacteriology; situation and surroundings of dwellings; construction of foundation and cellar; heating and ventilation; water supply; disposal of waste; and plan of house, its furniture, decoration, and care. Design a required. Two periods per week of one hour each throughout the year.

**c. Food and Dietetics.**—This course includes the following topics: (a) food preservation; (b) classification; nutritive value, digestibility, cost, and changes produced in cooking food materials; (c) effect of age and occupation upon the amount and kind of food needed by the body; (d) principles of feeding in disease.

**d. Practice given in the following:** (a) putting up fruit and vegetables; (b) fancy cooking; (c) preparing food for the sick and convalescent; (d) the planning, cooking and serving of meals. Three periods of one hour each and two periods of three hours each, throughout the year.

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## COURSES IN DOMESTIC ART.

Each student must be provided with all required materials

for work. A 50c fee is charged in the courses where machines are used.

**a. Hand Sewing.**—Fundamental elements of sewing, the various stitches, and their application in making simple articles. Darning and mending. Study and care of sewing machine. Elements of sewing and their application in the making of lingerie; scientific development of patterns; study of materials, etc. Throughout the year.

**b. Hand and Machine Sewing.**—Hemming, marking, and mending of table linen; making of articles of fine lingerie continued. Rolled hemming, trimmed underskirt and combination suit. Throughout the year.

**c. Mexican Drawn Work,** first semester, and Hardanger embroidery second semester. Domestic Art a and Design a required. Throughout the year.

**d. Modern Point Lace.**—Lace stitches and development of designs in lace making. Domestic Art a, Design a and b, required. Throughout the year.

## COURSES IN DRESSMAKING.

**a. Making of Models** used in shirt waist making. Drafting and developing of patterns. Plain shirt waists, dressing sacques, kimonas, drop-skirts and plain outside skirts. Domestic Art a and b and Drawing a required. Throughout the year.

**b. Drafting.**—Models in faggoting stitches. Trimming with lace, shaping of yokes. Making of fine white waists. Lessons in outline of dress forms. Collars and cuffs. Boned girdle. Plain shirt-waist suits. Design a and b required. Throughout the year.

Students in Dressmaking are required to pay a laboratory fee of \$1.50 each semester; 25c will be refunded at the close of each semester, when locker key is returned. This fee is to keep machines in repair, to furnish drafting paper, use of lockers, electric iron, tools, dress-forms, etc.

## DEPARTMENT OF AGRICULTURE.

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The Science of Agriculture has grown rapidly during the last few years. The man who understands his work can now make a better and easier living on the farm than in most of the over-crowded professions. Moreover, there is a steadily growing demand for teachers of Agriculture and for Agricultural investigators and experts. Clear-headed young men, who are reading the signs of the times, will qualify themselves for Agricultural work, and thus reap the profits, financial, intellectual, and moral, that are awaiting those who join the most rapidly growing profession of the day.

The school gives practical and theoretical instruction in the various lines of Agricultural work; especially Agronomy, Horticulture, and Animal Husbandry. It aims especially to prepare young men for actual and profitable work on the farm. To meet the growing demand for teachers in Agricultural lines, provisions are made also for the training of young people to take up this line of work. In order to put the mass of the student body into closer touch with the great problems continually confronting the people of this intermountain region, and to give them a broader sympathy with the rural life of the people among whom they will work later, ways and means are being provided for the diffusion of Agricultural information among all classes of the students.

The four-year high school course in Agriculture, leading to a diploma, is offered to the regular students of this department. Those who complete the prescribed subjects are prepared for practical work on the farm or for the teaching of Agriculture. The course is so arranged that graduates from it who desire college work, have the necessary preparation for entering the Teachers' College of this University or any other of the leading colleges of the country they may select.

Besides these regular courses, a Special Farmers' Course will be given to ambitious farmers who are willing to devote a portion of their time in order to learn some of the modern revelations concerning Agriculture. This course begins after the Christmas holidays. Special students, who desire simply a general acquaintance with modern Agriculture, are welcomed. To

further promote the diffusion of Agricultural information, the teachers of the Agricultural department will always hold themselves in readiness to deliver lectures at Farmers' Clubs, Institutes, and other meetings as they may be called to do so.

A competent teaching force in Agriculture has been secured. The teachers have had considerable experience in teaching and practice of this important science. Besides, they have all had first-class scholastic training. The work of the department of Agriculture is thoroughly modern, and especially adapted to western needs.

To supplement the work of the Faculty, men of experience, will be invited to the University to lecture to the students of the school. To these lectures all the students of the University will be welcomed.

Every endeavor will be made in the presentation of all of the courses outlined to be as thorough and as practical as is consistent with the training of the student and in keeping with good education. Whenever possible in all the courses, general principles will be illustrated by experiments in the laboratory and in the field. At all times the student will be kept in touch, through the publications, with our own and other experiment stations as well as with the Agricultural Department at Washington, D. C.

Adjacent to the University are eight acres of land, three of which are already planted to choice varieties of fruit trees and brush fruit which will be used by the students of Horticulture. The other five acres will be used by the students in Agronomy for demonstration and experimentation.

### GRADUATION.

To graduate from this department a student is required to have credit for four units in Agriculture as well as the regular High school requirements.

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## GENERAL AGRICULTURE.

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Professor Merrill.

Assistant Professor Smart.

a. **Elementary Agriculture.**—This is a course introductory to the science of Agriculture. The aim is to give the students a

general insight into the subject of Agriculture, and to lay a foundation for future work. Such fundamental questions as soils and how to treat them, the plant in its relation to the soil, air and water, and the relationship which the various branches of Agricultural Science have to each other, will be considered. Required of students in the first year of the Agricultural course and elective to others.

**a1. Winter Course Agriculture.**—This course is designed for students who find it necessary to enter for the winter semester only. The subject matter is very similar to course a. Students entering on this course and desiring to complete the first year's work, should arrange at the opening of the second semester to keep in touch with the work given in Horticulture a, so that they who are eminently successful in the various fields of endeavor, may be able to enter this course and do the work.

Arrangements will be made in the more advanced courses for students who have already completed the winter course and who return for the second time to pursue winter work at the University. Four hours, winter semester.

**Lecture Course.**—Beginning with the winter semester, a series of lectures will be given on agricultural subjects, by teachers in the school and by men who are leaders in the various fields of agricultural activities. These lectures will cover a wide range of subjects and will be of extreme interest and of great value, not only to the students of Agriculture but to all the students of the University. The lectures will be given at such a time that they will not conflict with the class work in other departments.

## AGRONOMY.

**a. Soil Physics.**—This course is a detailed study of soils and soil types. It treats of such topics as origin and formation of soil, chemical and physical composition and the relation of these to crop production; soil moisture, the biology of the soil; maintaining and increasing soil fertility. The laboratory work will consist of field trips, soil judging, and the making of a physical analysis of a certain type of soil, in which the student is most interested. Text: Lyon's Soils. Two hours class room and two hours laboratory period. Throughout the year. Laboratory fee, \$1.00.



**b. Field Crops.**—In this course a detailed study is made of those farm crops that are of greatest economic importance in the intermountain region; as for example, wheat, oats, alfalfa, the grasses grown for hay, also the root crops, as the beet, potato, etc. Each of these crops is considered under the head of history, cultivation, marketing, their place in a system of rotation, etc. Text: *Cereals in America* (Hunt). Four hours first semester. Laboratory fee, 50 cents.

**c. Thremmatology.**—In this course the principles and practices involved in the improvement of domesticated plants and animals are studied. Such topics as variation, causes, of variation, selection, correlation, hereditary, prepotency, Mendel's law of hybrids, etc., are considered. The laboratory exercises consist of grafting, budding, crossing of strawberries, wheat, oats, etc. Text: *Davenport's Principles of Breeding*. Two hours throughout the year.

**d. Scientific Agriculture.**—This course is designed more especially for students of science who desire to round out their knowledge of the sciences and to get in one course a general review of the science of Agriculture in its more important bearing. It should be extremely helpful also in impressing the facts already acquired in the study of the natural sciences, by using them to explain many of the problems in scientific farming, of which the student already may have some knowledge. Open to young men and women who have had the elementary courses in science. Text and assigned readings. Two hours throughout the year.

**e. \*Agricultural Bacteriology.**—In this course the study of bacteria in their relation to farm practices will be considered. Bacteria in the soil, air and water; in butter and cheese making; the fermentation of organic matter; care of the manure heap, etc. Laboratory fee, \$1.00. Three hours throughout the year.

**f. Investigation.**—Students who are qualified and have a desire to do some investigation work will have the opportunity of doing so. Facilities will be provided either on the field or in the laboratory for such work. The kind and amount of credit will be determined by the grade and amount of work done.

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\*Not given in 1910-1911.

## HORTICULTURE.

**a. Horticulture.**—This is a general course, including a study of the structure, habits, and growth of cultivated plants; their modification by climate; soil and other relations; the development of cultivated plants; propagation of plants by seeds; cuttings, grafting, and budding; orchard management and small fruit culture. The splendid orchards within a short distance of the University offer great help to the student in this course. Text: Principles of Plant Culture (Goff), The Nursery Book (Bailey.) Supplemented by bulletins. Two hours throughout the year.

**b. Orchard Management.**—This course deals with the theory and practice of fruit growing. Such topics are considered as the selection of the orchard site with reference to exposure, soil, market, and climatic conditions; selection of varieties for home and market uses; the nursery stock; laying out and planting the orchard; care and management; picking and marketing fruit. A detailed study is made of all the leading orchard and small fruits. Texts: Principles of Fruit Growing by Bailey, and Bush Fruit by Card. Two hours throughout the year.

**c. Economic Entomology.**—The purpose in this course is to make the student acquainted with the life-history, habits, and destructive features of the injurious insects; method of combating, and protection against infestation, receive special attention. Students also become familiar with common spraying apparatus, and methods of preparing emulsions and other mixtures used in spraying. Field trips are made for the purpose of seeing insect pests at work, and for making a collection. Text: Smith's Economic Entomology. Laboratory fee, \$1.00. Three hours throughout the year.

**c1. Bee Culture.**—A course in apiculture covering a period of five weeks is included in the course in economic entomology. Students desiring work in this line will elect entomology, or may enter for five weeks only, without credit.

**d\*. Plant Pathology.**—In this course such topics as factors in disease; health and disease; cause, nature, and symptoms of disease; epidemics, etc., are considered. In the laboratory, a

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\*Not given 1910-11.

careful study is made of the rusts, smuts, mildews, and blights, which cause great losses in this and other sections of the United States. Text: Ward's Disease of Plants. Two hours in class room and two periods laboratory work. Laboratory fee, 50 cents. First semester.

**e.\* Agriculture Botany.**—During the first part of the course the student will be given an insight into the structure and life processes of the common plants found on the farm; the origin and development of the plant organs and their function. During the latter part of the course, special study will be made of the plant in its response to its environment. Four hours, second semester.

### ANIMAL HUSBANDRY.

**a. Livestock Management.**—This course deals with the general principles which underlie the proper methods of feeding and management of all classes of live stock. The common foods given to stock will be studied, as to their composition and nutritive value and how both are affected by maturity and curing. Calculating rations for the various classes of farm animals under various conditions. Text: Feeds and Feeding (Henry). Four hours, second semester.

**b. Study of Breeds.**—This course is a detailed study of the principal types and breeds of cattle, sheep and swine; special attention being given to those breeds which are best suited to conditions in the West. The improvement of our native stock through selection and up-grading is emphasized throughout the course. Suggestions on the formation of new breeds are also given: Text: Types and Breeds of Farm Animals (Plumd). Supplemented by station and department bulletins. Three hours throughout the year.

**c. Stock Judging.**—During the first part of this course the various types and breeds of horses are considered, after which thorough work in stock judging both in class room and show ring will be taken up. The students will be required to use the score card and to give reason for the judgment rendered. Text: Judging Live Stock (Craig), supplemented by lectures and readings. One hour throughout the year.

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\*Not given in 1910-1911.

**d. Veterinary Science.**—This course is devoted primarily to the study of the proper care of animals, both in health and disease. Much time will be devoted to the study of the common ailments of domestic animals. Frequent demonstrations will be given; and the students will receive practice in treating sick animals. This class meets four times a week. At least one period a week is given to demonstration and laboratory work. Winter semester.

**e. \*Poultry Craft.**—This course is a consideration of types and breeds of poultry, especially those giving best returns in this section. The major part of the course, however, is a consideration of the care and management of laying and breeding stock, natural and artificial incubation and caring for the chicks. Those who desire it will have the opportunity of conducting an up-to-date incubator for one period of incubation. Laboratory fee, 50 cents.

**f. Fish Culture.**—This is a practical course dealing with the hatching, feeding, and care of fish from the taking of the eggs till they are ready for market. It deals also with water supply, construction of ponds, hatching troughs, the relative importance of the native and imported varieties of trout, etc.

Hatching troughs and ponds with trips to the state hatchery near Springville afford adequate facilities for practical demonstrations throughout the course. One hour per week throughout the year.

### COLLEGE CREDIT.

Students in the Teachers' College who desire to take some of the advanced courses in Agriculture will be allowed College Credit for the following courses: Agronomy a, b, c, d, f, Animal Husbandry a, Horticulture d and e.

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\*Not offered in 1910-1911.

# Sub-High School.

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**Wm. H. Boyle, Principal.**

The work of this school is adapted for young people below the High School grade who are somewhat advanced in years, and whose opportunities have been too limited to complete the public school curriculum as far as the eighth grade. There are no entrance requirements other than the desire to work and the determination to be a lady or a gentleman. The studies are adjusted to the needs of the students. The work is not described as seventh, eighth, or any other specific grade; it is suited to the capacity of the students, whatever that may be. Special teachers are provided to assist those who are not prepared to enter regular classes.

Grown-up young people may enter this school without feeling the chagrin that often results from mingling with younger and smaller students in the public schools. Students of the Sub-High school have the same general privileges as those in the High School. The University is noted for the absence of social distinctions among its students.

## **GRADE AND TEXT BOOKS.**

In the main, the work of the Sub-High school will be the same as the regular seventh and eighth grade work of the public schools. The text books adopted by the state will be used.



# Graduates.

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## NORMAL SCHOOL.

Anderson, Alice,  
Anderson, Lucretia,  
Brinkerhoff, J. Darwin,  
Bullock, Lissie,  
Cash, Bennett,  
Cox, Elvira,  
Evans, Mary,  
Fausett, Vera,  
Finlayson, Maggie,  
Hafen, Guy,  
Harris, Mertie,  
Holdaway, Etta,  
Hansen, Andrew,  
Horsley, Arthur S.,  
Iverson, Eunice,  
Jensen, Ida,  
Larsen, Floy,  
Maeser, Karl Gilbert,  
McGuire, Tessie,  
Nelson, Leroy,  
Noble, Miss Rae,  
Olsen, Stephen,

Olsen, Marie,  
Palfreyman, Etta  
Peterson, Josephine,  
Pettigrew, Leah,  
Petty, Frank H.,  
Poulson, M. Wilford,  
Rowland, Hannah,  
Scott, Verna,  
Smart, Orene,  
Smith, Nellie,  
Snow, Nora,  
Sorenson, James,  
Southwick, Edna,  
Speakman, Thera,  
Spiers, Clara,  
Spiers, Vivian,  
Starr, Mary,  
Stephenson, Stephen,  
Straw, Alta,  
Tangreen, Albera,  
Wakefield, F. F.,  
Weeks, Emma.

## HIGH SCHOOL.

Anderson, John F.,  
Argyle, Wm. R.,  
Austin, Victor,  
Beckstead, Frank,  
Clark, Herald,  
Cox, Ira  
Cox, Olive  
Craven, Percy,  
Crookston, Clyde,  
Dillman, Ray,  
Fletcher, Milton P.,  
Foster, George W.,  
Foster, Matilda  
Gardner, Viola,  
Glazier, Chas. Wilson,

Irving, Beryl,  
Lowe, Ellis,  
Martin, Thomas L.,  
Nelson, Leroy,  
Pack, Dean A.,  
Petty, Frank H.,  
Richards, Bert L.,  
Robinson, J. Albert,  
Schwencke, Charles,  
Sevy, Milton H.,  
Smith, Lazelle,  
Spafford, Willis Earl,  
Spilsbury, Raymond,  
Taylor, Aimie R.,  
Woolsey, Parley.

Harrison, Eva,

## COMMERCIAL DEPARTMENT.

Billings, George E.,  
 Boley, Elisha H.,  
 Eggertsen, Bernard S.,  
 Farrer, Leland J.,  
 Gardner, William,  
 Hales, Ray,  
 Jones, Clarence R.  
 Money, Albert E.  
 McMurrin, James L.,  
 Mortensen, Angus D.,

Noyes, Lyman W.,  
 Robinson, Harold,  
 Rowley, Edward J.,  
 Rupper, Heber S.,  
 Russell, G. Oscar,  
 Smith, Marion,  
 Steed, Olive F.,  
 Wanless, Wm. L.,

→ Oliver

## AGRICULTURAL DEPARTMENT.

Huish, J. Raymond,  
 Richards, Bert L.,  
 Smith, Lazelle,

Staker, John B.,  
 Stucki, Herman W.,

## MUSIC DEPARTMENT.

Epperson, Emery G.,  
 Fgbert, Anna R.,  
 Hill, Mary,

Nelson, Carl O.,  
 Oakley, Blanche,  
 Pack, Dean A.,

## DEPARTMENT OF ART AND MANUAL TRAINING.

Cram, Mark W.,

Knight, Ernest.

# Enrollment of Students.

## FIRST YEAR HIGH SCHOOL.

### A.

|                                |                                 |
|--------------------------------|---------------------------------|
| Adams, Ancel, Parowan ..H.S.   | Anderson, Drusilla, Provo..     |
| Adams, Hazel, Monticello ..M.  | R. D. ....C.                    |
| Adams, Leroy, Parowan ..H.S.   | Anderson, Emma A., Foun-        |
| Allen, Hazel, McCammon,..      | tain Green .....C               |
| Idaho .....A.                  | Anderson, E. Leroy, Salem,      |
| Allred, Matthias, Spring....   | Idaho .....C.                   |
| City .....H.S.                 | Anderson, Eldon M., Oak         |
| Allen, Vivian, Provo .....C.   | City .....Agr.                  |
| Anderson, LaVere, Provo H.S.   | Anderson, G. H., Oak City. Agr. |
| Anderson, Irene, Provo ....A.  | Archibald, Ida, Cardston,       |
| Anderson, Edda, Springville A. | Canada .....N.                  |

### B.

|                                |                                 |
|--------------------------------|---------------------------------|
| Backman, Lola, Spring City A.  | Bingham, Mark, Vernal ..Agr.    |
| Bailey, Ora, Provo .....M.     | Boone, Maud, Mammoth ...C.      |
| Baird, Wm., Provo .....A.      | Booth, Wayne, C., American      |
| Banks, May, Provo .....H.S.    | Fork .....H.S.                  |
| Banks, Earl, Provo .....C.     | Boley, Jennie, American Fork N. |
| Barboa, Alfonso, Mochica-      | Bonnett, Muriel, Provo ...H.S.  |
| hui, Mex. ....C.               | Boshard, Harold, Provo ...C.    |
| Bateman, H. A. Shelley, Ida-   | Boyle, Leona, Santaquin ...A.   |
| ho .....H.S.                   | Boyle, Clarence, Knightsville   |
| Baxter, Walter, Provo ...H.S.  | .....N.                         |
| Beck, Ferry, American Fork C.  | Boyden, Ivy, Greenville, Cal-   |
| Beck, Karl, Provo .....H.S.    | ifornia .....M.                 |
| Beck, Leo, Centerfield .....N. | Brady, Nettie, Fairview ....M.  |
| Bee, Jane, Provo .....N.       | Brady, Hugh, Fairview .....C.   |
| Bee, Maurice, Provo .....H.S.  | Bridge, Orson, Magrath, Can-    |
| Beebe, Calvin E., Provo ....C. | ada .....M.                     |
| Bennett, J. Temple, Provo H.S. | Brimhall, Burns R., Provo H.S.  |
| Berry, J. Orion, Provo ...H.S. | Brimhall, Glenn, Spanish        |
| Binch, Thomas, American        | Fork .....A.                    |
| Fork .....C.                   | Broadbent, J. L., Lehi ....H.S. |

|                                |                                |
|--------------------------------|--------------------------------|
| Brown, Earl N., Provo .....C.  | Bullock, Irene, Lonetree,      |
| Brown, G. W., Charleston H.S.  | Wyo. ....N.                    |
| Bullock, J. E., Provo .....C.  | Bushman, John, Lehi .....C.    |
| Bullock, John, Provo .....H.S. | Butt, Elsie, Bluff .....M.     |
| Burch, Kate, Lakeshore ....N.  | Butler, Archer, Payson .....A. |
| Burridge, Theol, Provo ...H.S. |                                |

## C.

|                                  |                                |
|----------------------------------|--------------------------------|
| Cameron, C. D., Tucker...H.S.    | Cluff, Alene, Provo .....N.    |
| Carter, Jesse, Provo .....H.S.   | Collard, George E., Fountain   |
| Chamberlin, D. B., S. L. City    | Green .....H.S.                |
| .....H.S.                        | Collins, Reva, Provo .....Spl. |
| Chamberlain, Ella, Kanab ..N.    | Colvin, Hattie, Provo ....H.S. |
| Cheever, Geo. A., Provo ..H.S.   | Corbett, M. L. Kamas .....C.   |
| Christensen, E. M., Shelley,     | Criddle, John Basalt, Idaho    |
| Idaho .....H.S.                  | .....H.S.                      |
| Christensen, Priscilla, Salem C. | Crook, Cecelia, Heber .....A.  |
| Christensen, Carl, Spanish       | Crouch, Ethel, Morgan ....C.   |
| Fork .....H.S.                   | Curtis, Alva, Aurora .....H.S. |
| Christensen, Oscar, Provo ..M.   | Curtis, Lero, Aurora .....H.S. |
| Clark, Dean, Provo .....H.S.     | Curtis, Sarah, Aurora ....H.S. |
| Clayton, James P., Provo H.S.    | Curtis, Earl, Aurora .....H.S. |
| Clegg, Malicent, Vineyard H.S.   | Cutler, Mildred, Kanab ....A.  |
| Cloward, J. R., Salem ....H.S.   | Cyde, E. D., Heber .....H.S.   |
| Cloward, Leslie, Salem ...H.S.   |                                |

## D.

|                                |                                |
|--------------------------------|--------------------------------|
| Daniels, Glenn E., Theodore    | Dean, W. M., Redmesa, Colo.    |
| .....H.S.                      | DeFries, Hazel, Fairview ..A.  |
| Davis, Ray, Provo .....N.      | .....Agr.                      |
| Davis, Florence, Provo ....A.  | Dixon, Stanley, Provo ...H.S.  |
| Davenport, V., Bull Run,       | Draper, Ellis, Moroni .....N.  |
| Ore. ....Spl.                  | Duffin, Florence, Provo ..H.S. |
| Daw, A. W., Provo .....Agr.    | Duke, Ethel, Heber .....A.     |
| Daw, Hazel, Provo .....A.      | Duke, D. C., Heber .....H.S.   |
| Day, Otes C., American Fork    | Duke, Lewis, Provo .....H.S.   |
| .....A.                        | Dusenberry, Margaret .....C.   |
| Day, Joseph, Fairview ....H.S. |                                |

## E.

|                                 |                                |
|---------------------------------|--------------------------------|
| Earl, Leo, Fielding .....Agr.   | Eldredge, J. H., Oakley ....C. |
| Eggertsen, Eudora, Provo H.S.   | Ellertson, Alton, Mona ...H.S. |
| Eggertsen, Josie, Provo ...Spl. | Ercanbrack, Olive, Provo ..C.  |
| Ekins, Vernee, Provo .....C.    |                                |

## F.

|                                 |                                |
|---------------------------------|--------------------------------|
| Featherstone, T. M., Ameri-     | Fitzgerald, Athel, Draper ..C. |
| can Fork .....H.S.              | Fletcher, Katie, Magrath,      |
| Finlayson, Birdwell, Provo H.S. | Canada .....N.                 |

Fogg, Ge, St. Anthony, Idaho .....H.S.  
 Francis, Edwin N., Taber, Canada .....H.S.

Frandsen, Vance, Redmond .....H.S.  
 Fullmer, E. L., Raymond, Canada .....C.

## G.

Gardner, Zeta, Provo ....H.S.  
 Gardner, Charles, Salem ...M.  
 Gardner, Lucious, Monroe .A.  
 Garff, R. W., Draper .....C.  
 Garn, Frank, Provo .....H.S.  
 Gee, Ina, Provo .....C.  
 George, Jean, Provo .....A.  
 Gibbs, Lynn, Magrath, Canada .....M.  
 Gibby, Daisy, Provo .....C.  
 Giles, Vera, Provo .....N.

Giles, Sarah, Provo .....H.S.  
 Glazier, Forrest, Provo ..H.S.  
 Graham, Gladys, Milburn ..N.  
 Greer, J. F., Provo .....H.S.  
 Greer, N. H., Provo .....H.S.  
 Greer, Ezra, Wallsburg ..H.S.  
 Gudmundson, C. Reed, Iona, Idaho .....H.S.  
 Guyman, Grace, Kirtland, N. Mexico .....N.

## H.

Hafen, Jessie, Santa Clara H.S.  
 Halladay, Howard, Santaquin .....C.  
 Halladay, J. L., Payson ...C.  
 Hammond, Robert, Ashton, Idaho .....H.S.  
 Hampton, Marie, Provo ..H.S.  
 Hanks, David, Salem .....A.  
 Hanson, Delbert, Redmond N.  
 Harding, George, Provo ..H.S.  
 Harding, Roland, Provo, R. F. D. ....H.S.  
 Hardy, LeGrande, Provo H.S.  
 Harris, Vilate, Lovell, Wyo. M.  
 Hawkins, C. E., Benjamin M.  
 Hawley, Kelly, Provo ....Agr.  
 Haws, Bruce, Provo .....H.S.  
 Haws, Dora, Provo .....C.  
 Herbert, Elmer, Iona, Idaho .....H.S.  
 Hess, Alvin, Fielding ...Agr.  
 Hess, Hilda, Fielding .....A.

## I.

Ingram, Katie, Nephi .....A.  
 Ingram, Maude, Nephi ...H.S.

## J.

Jackson, Junius, Provo ....C.  
 Jacobson, Rufus, Provo ....N.  
 Jacobson, Alfred, Oak City C.  
 Jacobson, Sadie, Provo ...N.

Irons, Fayora, Moroni ....N.  
 Irvine, Daisy, Provo .....M.

Jenkins, Joseph, Goshen ....A.  
 Jenkins, Hyrum, Goshen ...A.  
 Jennings, Alma, Levan ...H.S.  
 Jobe, Dena, Provo, R. F. D. N.



Jensen, H. L., Taber, Canada  
.....H.S.  
Jensen, Hazen, Shelley, Ida-  
ho .....H.S.  
Jensen, T. C., Glenwood..H.S.  
Jensen, Elden, Redmond ...C.  
Jensen, Garner, Mt. Pleasant  
.....H.S.  
John, David R., Provo ....H.S.  
Johnson, Christie, Elsinore .N.  
Johnson, E. J., Fountain  
Green .....H.S.

Johnson, Bessie, Provo ...Spl.  
Johnson, Lulu, Holden .....A.  
Johnson, Kenneth, Provo Spl.  
Johnson, Wallace, Kanab .H.S.  
Johnson, Glenn, Provo ....N.  
Johnson, Mignon, Provo ....N.  
Johnson, Joseph, Springville C.  
Jones, Mabel, Provo, R. F.  
D. ....C.  
Jones, Myrtle, Provo .....N.  
Jones, LaReal, Provo .....C.  
Jstesen, Lois, Spring City Spl.

## K.

Kenney, Glenn, Holden ....C.  
Kirkham, Zelda, Lehi .....A.  
Kitchen, Levi, Provo ...H.S.  
Kleinman, Fannie V., To-  
querville .....A.

Knell, Lydia V., New Castle  
.....H.S.  
Knudsen, Verne O., Provo  
.....H.S.

## L.

Lance, William, Moab .....C.  
Langston, Sarah, Hinckley  
.....H.S.  
Larsen, Dora, Mt. Pleasant M.  
Larsen, Ruth H., Spanish  
Fork .....A.  
Leavitt, May, Leaviit, Can-  
ada .....N.  
Leigh, T. F., Cedar City ..H.S.  
Leonard, Myron, Hunting-  
ton .....H.S.

Lewis, Jennie, Spanish Fork  
.....H.S.  
Lewis, Lucile, Provo .....C.  
Lindley, Percy, American  
Fork .....H.S.  
Lindsay, Ruth, Heber .....N.  
Lisonbee, Hazel, Provo ....C.  
Loveless, Sarah, Provo ..H.S.  
Lundell, Henry G., Benjam-  
in .....Agr.

## M.

McFarlane, Kenneth, Cedar  
City .....C.  
McFarlane, Hubert, St. George  
.....C.  
McIntosh, Emily, Provo ...N.  
McKell, Rodney, Spanish Fork  
.....H.S.  
McMichael, Theo, Hoytsville  
.....N.  
McQuarrie, Hortense, St.  
George .....A.  
Madsen, Leonard, Vineyard  
.....H.S.  
Malcolm, Arthur, Spanish  
Fork .....C.  
Mangelson, Edna, Levan ..M.

Marshall, George, Provo ...C.  
Martell, Eliza, Spanish Fork  
.....N.  
Massey, Millard, Vernal ....C.  
Mayer, J. P., Fountain Green  
.....C.  
Maycock, Gean, Provo .....C.  
Mitchell, Charles, Provo H.S.  
Monk, Zella A., Spanish Fork  
.....A.  
Morrison, Max, Denver, Colo.  
.....A.  
Mortenson, Eva, Sanford,  
Colo. ....A.  
Mott, William, Vernal ...H.S.  
Murray, Wilson, Vernal ...C.

Meaker, Archie, Bridgewalter, Eng. ....C.  
 Meldrum, Maggie, Provo, R. F. D. ....A.  
 Merkley, Ezra, Vernal ...H.S.  
 Miller, Snell, Spanish Fork .....H.S.

**N.**

Naylor, C. L., Provo .....C.  
 Nebeker, Olive, Annabella .N.  
 Nelson, Ilah, Provo .....H.S.  
 Nelson, Wm. G., Santaquin .N.  
 Newell, Alice, Provo .....C.

**O.**

Ogden, W. M., Richfield. H.S.  
 Oliver, Jessie, Provo ....H.S.

**P.**

Pack, John C., Kamas ....H.S.  
 Park, Thompson, Kamas .H.S.  
 Parker, Harvey, S. L. City H.S.  
 Peck, V. R., Fielding ....H.S.  
 Perkel, G. W., Emmet, Idaho .....Agr.  
 Perkel, Edna, Emmet, Idaho .....C.  
 Peterson, Nettra, Provo ...C.  
 Peterson, Rex, Provo .....C.  
 Pierpont, Pauline, Provo ...M.

**R.**

Raile, France, Provo .....H.S.  
 Rasband, Della, Provo ..H.S.  
 Rasmussen, Lyman, Redmond .....C.  
 Rawlings, Calvin W., Provo C.  
 Reese, Lester, Frisco .....M.  
 Redd, Frank, Grayson ...Agr.  
 Rencher, Annie, St. George A.  
 Rich, Oral, Rich, Idaho ....N.  
 Richards, H. L., Fielding. H.S.  
 Rickenbach, Joseph, Gree-Rieske, Frieda, Provo .....N.

**S.**

Schwab, Frank, Provo ...H.S.  
 Shirts, John, Provo .....H.S.  
 Simons, Iliff, Payson .....C.  
 Slack, H. Roy, Alamo, Nev. ....H.S.  
 Smart, W. H. Jr., Vernal. H.S.

Musig, Bertha, Mt. Pleasant .....H.S.  
 Myers, Thomas, Minersville .....H.S.  
 Myers, George W., American Fork .....C.

Nicholsen, Hazel, Provo .H.S.  
 Nielson, Mabel, Levan ....M.  
 Nielson, Juanita, Richfield. N.  
 Nixon, Flossie, Holden ...A.  
 Nuttall, Clifford, Provo ..H.S.

Olsen, Leander, Moroni ....A.  
 Orullian, James, Provo ...Spl.

Porter, N. A., Orderville .H.S.  
 Powell, Ray H., Glenwood H.S.  
 Powelson, Elma, Provo ..H.S.  
 Preece, Fera, Vernal .....C.  
 Price, Lawrence, St. George .....H.S.  
 Price, Andrew, St. George. M.  
 Pyne, Ruben S., Provo, R. F. D. ....H.S.  
 Pyne, H. S. Jr., Provo ...H.S.

wood .....H.S.  
 Rigby, Ella, Alta, Wyo. ....N.  
 Ritchie, Ella, Provo .....N.  
 Roberts, Daphne, Provo ....C.  
 Robison, Arnold, Provo ..H.S.  
 Ross, Alice, Provo .....N.  
 Rowley, Irvin, Helper .....C.  
 Roylance, Loid, Payson ...A.  
 Rudy, Cornelia, Ft. Duchesne .....A.  
 Rupp, Hattie, Provo .....M.  
 Rupp, Jesse, Provo .....Spl.

Smith, S. T., Basin, Wyo. H.S.  
 Smith, Margaret, Basin, Wyo.  
 Snyder, Elva, Provo .....A.  
 Snyder, Merle, Provo .....A.  
 Sonderegger, Ernest, Midway .....H.S.

|                                 |                                  |
|---------------------------------|----------------------------------|
| Sevy, Lyman, Panguitch .H.S.    | Spencer, Blanche, Randolph N.    |
| Shill, Scott, Mesa, Ariz. .H.S. | Spencer, Rosetta, Randolph A.    |
| Shipp, Sidney, Joseph . . . .C. | Stayner, Stephen, Fielding H.S.  |
| Sorenson, Leon, Aurora. H.S.    | Strasburg, Kate, American        |
| Sorenson, Ina, Neeley, Idaho    | Fork . . . . .A.                 |
| .....N.                         | Stratton, J. G., Provo, R. F.    |
| Sorenson, Alma, Aurora .H.S.    | D. . . . .H.S.                   |
| Sorenson, William, Aurora       | Strebel, Baltes, Provo . . . .C. |
| .....H.S.                       | Stringham, R. A., Taber,         |
| Southwick, Albert, Provo H.S.   | Canada . . . . .H.S.             |
| Sorenson, Wallace, Aurora       | Stubbs, Hazel, Provo, R. F.      |
| .....H.S.                       | D. . . . .N.                     |
| Spafford, Annie, Provo . . .A.  | Summer, Thos. H., Provo . .C.    |
| Spencer, Ray, Payson . . . .N.  | Summer, Chris, Provo . . . .C.   |

T.

|                                  |                                |
|----------------------------------|--------------------------------|
| Taft, Ethel, Provo . . . . .H.S. | Thatcher, Hazel, Provo . .H.S. |
| Tangreen, Jesse, Moab . .Agr.    | Thomas, J. B., Spanish Fork C. |
| Tanner, Hyrum, Payson . . .C.    | Thorne, Vern, Springville .C.  |
| Tanner, V. M., Fairview .H.S.    | Thurman, Clifford, Provo H.S.  |
| Taylor, W. F., Redmesa,          | Tietjen, Martie, Santaquin .C. |
| Colo. . . . .Agr.                | Tracy, P. Henrietta, Plain     |
| Taylor, Ruth, Provo, R. F.       | City . . . . .N.               |
| D. . . . .M.                     | Turner, Iva, Holden . . . .N.  |
| Taylor, Prele, Provo . . . .H.S. | Twelves, Paul, Provo . . .H.S. |
| Taylor, Frank, Payson . . .A.    | Vance, Nina, Provo . . . .N.   |
| Taylor, James, Payson . . .A.    | Van Wagenen, Monroe, Mid-      |
| Taylor, Bertha, Provo . . .H.S.  | way . . . . .C.                |
| Taylor, Theodora, Juab . .A.     | Van Wagenen, Ethel, Provo      |
| Taylor, Joseph W., Provo . .C.   | .....H.S.                      |
| Tenney, Karl J., Silver City,    | Van Wagenen, Louie, Provo      |
| N. Mex. . . . .C.                | .....H.S.                      |
| Tew, M. Bird, Mapleton .H.S.     |                                |

W.

|                                 |                               |
|---------------------------------|-------------------------------|
| Wagstaff, Alma, Charleston      | Williams, Edgar, Emerv .H.S.  |
| .....H.S.                       | Willis, Erma, Tilden, Idaho   |
| Walker, Vance, Provo . . . .C.  | .....H.S.                     |
| Walker, Edith, Fielding . . .A. | Wilkins, Mae, Spanish Fork A. |
| Walters, May, Provo . . . .C.   | Wood, Leonard A., Holden .A.  |
| Walton, Estella, Raymond,       | Woods, Carlos, Barclay, Nev.  |
| Canada . . . . .H.S.            | .....H.S.                     |
| Walton, W. D., Raymond,         | Woods, Fred E., Castle Dale   |
| Canada . . . . .H.S.            | .....H.S.                     |
| Watson, Linnie, Mountain        | Workman, Marvin, Park City    |
| View . . . . .N.                | .....H.S.                     |
| Whiting, Annie, Monroe . .A.    | Wrightman, Dollie, Payson .A. |
| Whitlock, Royal, Mayfield .C.   |                               |

## Y.

Young, Lothield, Provo ....N.      Young, Leo D., Vernal ...H.S.  
 Zabriskie, Walter, Provo .H.S.

## SECOND YEAR HIGH SCHOOL.

## A.

Adams, Albert, Monticello Agr.      Anderson, Einar, Grantsville  
 Adams, Ernest, Bluff .....C.      .....H.S.  
 Anderson, Mary, Levan ....N.      Anderson, Earl O., Mayfield  
 Anderson, Johanne, Provo ..N.      .....H.S.  
 Anderson, Ellen, Lake Shore      Anderson, Walter, Spanish  
 .....N.      Fork .....C.  
 Anderson, G. Elmer, Lake      Anderson, Katie, Fountain  
 Shore .....H.S.      Green .....C.  
 Anderson, Abraham, Lehi ..M.      Ashby, Austin G., Holden ..A.  
 Anderson, Ira, Provo R. D.. A.

## B.

Baird, Chancy, Syracuse ...N.      Bingham, Edwin, Vernal ...A.  
 Banks, W. Allen, Provo ....C.      Bishop, Marion, Hinckley Agr.  
 Bartholomew, Delta, Provo      Booth, Relva, American Fork  
 .....C.      .....N.  
 Bee, Howard, Provo .....H.S.      Bonnett, Earl, Provo ....H.S.  
 Bean, Elfie, Provo .....N.      Bowman, D. Colonia Dublan,  
 Bean, J. Horace, Provo ..Agr.      Mexico .....H.S.  
 Beck, Newman, Centerfield      Broadhead, Lottie, Black-  
 .....H.S.      foot, Idaho .....H.S.  
 Beck, Vern, American Fork      Brown, Arlene, American  
 .....Agr.      Fork .....A.  
 Bentley, Ray, St. George ..C.      Brown, Earl, Greenwich ..H.S.  
 Billings, A. H., Provo ....Agr.      Bunnell, L. L., Provo, R. D..N.

## C.

Caldwell, LaVorda, Vernal. M.      Clark, Hiram, Springville H.S.  
 Callaway, Rollo W., Provo      Crandall, Ernest, Springville  
 .....H.S.      .....C.  
 Christensen, Earl, Manti .H.S.      Crawford, Wm., Provo ....A.  
 Clark, Mary, Richfield .....M.      Crowther, A. F., Provo ....C.  
 Clark, Fern, Panguitch ....M.      Curtis, Ivy, Provo .....N.  
 Clark, Venice, Provo .....N.      Curtis, Heber, Payson, ...H.S.  
 Clark, Grant S., Farmington      Cutler, Margaret, Kanab ...A.  
 .....H.S.      Cutler, Theda, Lovell, Wyo. N.

## D.

Daley, Mattie, Provo .....N.      Dimond, George, Sandy ....C.  
 Dalley, M. H., Cedar City H.S.      Duffin, Cyril, Provo .....C.  
 Day, Erael, Provo .....H.S.      Dunn, Wm. A., Provo .....C.  
 Decker, Kenneth, Provo ..H.S.

E.

|                                  |                                |
|----------------------------------|--------------------------------|
| Ellertson, Hazel, Mona ....C.    | Evans, Emma, Provo .....C.     |
| F.                               |                                |
| Farnsworth, LaRue, Provo N.      | Gillespie, Albert, Provo ...C. |
| Fitzgerald, Joseph, Draper ..C.  | Gillespie, Earl, Provo .....C. |
| Fitzgerald, Ray, Draper ...C.    | Glazier, Martha, Provo ....M.  |
| Fjelsted, Sidney, Centerfield M. | Goddard, Fern, Provo .....C.   |
| Fletcher, Erma A., Provo H.S.    | Gray, Wilford, Provo .....C.   |
| Freshwater, Leo, Provo ....C.    | Greene, Florence, Amreican     |
| Gardner, Jennie, Spanish         | Fork .....N.                   |
| Fork .....N.                     | Greene, Fern, American Fork    |
| Gardner, Ray, Salem .....A.      | .....N.                        |
| Gardner, Maggie, Pine Val-       | Greenhalgh, Earl H., Scho-     |
| ley .....M.                      | field .....H.S.                |
| Gentry, Harry, St. Thomas,       | Greenwood, Vern, Central H.S.  |
| Nev. ....C.                      | Greenwood, Clarence J., Am.    |
| Gibson, Lottie, Provo .....C.    | Fork .....C.                   |
| Gillespie, Sharp, Provo.. H.S.   |                                |

H.

|                                |                                 |
|--------------------------------|---------------------------------|
| Halliday, Fern, Pleasant       | Hinckley, Laura, Provo ....A.   |
| Grove .....A.                  | Hirst, Charles, Scofield ....C. |
| Hanchett, Ambrose, Anna-       | Hirst, Fred, Scofield .....C.   |
| bella .....H.S.                | Hogan, Grover, Thatcher,        |
| Hancock, Mary, Raymond,        | Idaho .....H.S.                 |
| Canada .....C.                 | Holbrook, Florence, Provo N.    |
| Hansen, N. Lavelle, Elsinore   | Holdaway, Dora, Provo ....A.    |
| .....Agr.                      | Holdaway, Donia, Aurora ..N.    |
| Harmon, Tessie, Price ....A.   | Homer, W. A., Eureka ....A.     |
| Harper, Seth F., Oakley, Ida-  | Hooper, Thomas, Annabella       |
| ho .....H.S.                   | .....H.S.                       |
| Harris, Anna, Scofield ....N.  | Hopkins, Ira, Kanosh .....N.    |
| Hathenbrook, Madeline, Provo   | Horsley, A. E., Price .....C.   |
| .....H.S.                      | Hubbard, M. C., Willard ..H.S.  |
| Hawks, Ila, West Portage. N.   | Huish, Otera, Provo .....H.S.   |
| Hawley, Nettie, Central ....N. | Hunter, Albert, American        |
| Heaton, Franklin, Orderville   | Fork .....H.S.                  |
| .....Agr.                      | Hunter, Evan W., Cedar City     |
| Higgings, Jesse, Cowley,       | .....H.S.                       |
| Wyo. ....H.S.                  |                                 |

I.

Iverson, Bessie, Salem .....C.

J.

|                                 |                                |
|---------------------------------|--------------------------------|
| Jacobson, Raysa, Provo ..H.S.   | Jensen, Clara, Spanish Fork N. |
| Jarvis, Rose, St. George ....A. | Jex, Myrtle, Spanish Fork C.   |
| Jensen, Louis J., Grover,       | Johnson, Lilly, Benjamin ..N.  |
| Wyo. ....N.                     | Jones, Leonard K., Bluff .Agr. |



Judd, Joseph W., St. George C. Justesen, Leah, Spring City. N.

## K.

Keeler, Hattie, Provo ....H.S. Kitchen, Flossie, Provo, R.  
Kirk, Lester, Pleasant Grove D. ....H.S.  
.....C. Konold, F. W., Provo, R. D.  
.....H.S.

## L.

Lambert, R. Franklin, Kam- field .....H.S.  
as .....Agr. Leetham, Alpheus, Provo.. C.  
Lambert, Ira Kamas ....H.S. Lewis, Sterling, Park City H.S.  
Lambert, Mabel, LeGrande, Little, Addie, Kanab .....N.  
Ore. ....A. Logie, Roland, American  
Larson, Blanche, Preston, Fork .....C.  
Idaho .....M. Loveless, George, Provo, R.  
Larson, Cyrus, Roosevelt ..C. D. ....C.  
Larson, Ervin H., Elsinore Lowe, Thos. C., Austin ..H.S.  
.....Agr. Lund, R. C., St. George....C.  
Lauritzen, Tana, Richfield .A. Lyman, Willis J., Oak City  
Lauritzen, McLloyd, Rich- .....H.S.

## M.

McAllister, Dellos, Kanab ..C. Meldrum, Albert, Provo, R.  
McAllister, Richard M., St. D. ....H.S.  
George .....C. Meldrum, Nora, Provo ....Spl.  
McDonald, Archie, Port Mendenhall, Byron, Maple-  
Orange, Fla. ....H.S. ton .....C.  
McEwan, Myrtle, Provo ...A. Miller, Charles S., Farming-  
McEwan, J. L., Provo ....C. ton .....C.  
McEwan, Wm., Provo ....C. Miller, John F., St. Anthony,  
McMurrin, Arlene, Provo ...C. Idaho .....H.S.  
McQuarrie, Hector, St. George Miller, Henry, American  
.....H.S. Fork .....H.S.  
Mace, Minerva, Provo ....N. Millhollin, Florence, Provo .C.  
Madson, Evelyn, Provo, R. Mitchel, Sadie, American  
D. ....N. Fork .....N.  
Madson, Josephine, Provo .A. Molen, Vera, Springville ...M.  
Madson, Ethel, Provo ....C. Moody, Vernell, Provo ....N.  
Madson, Ruby, Mt. Pleasant N. Moore, Geneva, Payson ....A.  
Magleby, Ivy, Monroe .....A. Morris, G. W., American  
Martin, Myra, Scipio .....N. Falls, Idaho .....Agr.  
Mathews, Kate, Provo ..H.S. Mortenson, Amelia, Levan .A.  
Meeks, Heber, Orderville H.S. Murdock, Emer W., Heber C.  
Murdock, Criss, Heber ....A.

## N.

Nash, Bernard, Salem .....C. Nelson, Victor D., Ferron H.S.  
Nebeker, Genevra, Richfield A. Nelson, Lowry, Ferron ...H.S.

|   |                                     |
|---|-------------------------------------|
| Nelson, Milo, Provo ....H.S.                | Nielson, Ellen, Oak City ...N.      |
| Nesbit, Robert W., Provo ..C.               | Nielson, P. A., LaJara, Colo. C.    |
| Nicholes, Samuel, American Fork .....C.     | Noyes, Eva A., Provo .....A.        |
| Nicholes, Elmarion, American Fork .....H.S. | Nuttall, Ethel, Provo, R. D. ....N. |

P.

|   |   |
|---|---|
| Pack, W. C., Provo .....H.S.              | Colo. ....H.S.                            |
| Pack, Lola, Provo .....H.S.               | Peterson, Hazel, Provo ....N.             |
| Page, Eva, Payson .....C.                 | Peterson, Ray, Provo ....H.S.             |
| Palmer, A. E. Kirtland, N. Mexico .....C. | Phillips, W. H., Provo ...H.S.            |
| Park, Ray, Provo, R. D. ....C.            | Pond, Flora, Thatcher, Idaho .....H.S.    |
| Paxman, J. Walter, Nephi Agr.             | Pond, Clara, Thatcher, Idaho .....H.S.    |
| Perkins, Ruth, Bluff .....C.              | Potter, Ruby, Provo .....N.               |
| Perkins, Daniel, Bluff ....Agr.           | Poulson, Edna, Sanford, Colo .....N.      |
| Perry, Myrtle, Provo .....A.              | Poulson, Melvin G., Sanford, Colo. ....C. |
| Peterson, Ezra M., Hooper .....H.S.       |   |
| Peterson, Adella, Sanford,                |   |

R.

|   |                                       |
|---|---------------------------------------|
| Rawson, Rebecca, Carey, Idaho .....H.S.   | Smith, Bernice, Manassa, Colo. ....N. |
| Reese, Harry, Frisco .....C.              | Smith, James, Provo .....C.           |
| Remington, Wm., Parker, Idaho .....C.     | Snow, Ann, Price Valley ..A.          |
| Rencher, Mason, St. George .....Agr.      | Snow, W. J., Thurber ....H.S.         |
| Reynolds, Josephine, S. L. City .....N.   | Sparks, Phyllis, Nephi ....M.         |
| Reynolds, Leslie, Springville C.          | Stapley, W. B., Provo .....C.         |
| Rich, Clara, Rich, Idaho ...N.            | Startup, Marie, Provo ...H.S.         |
| Robinson, Eunice, Oakley, Idaho .....H.S. | Startup, Cossette, Provo ...M.        |
| Roundy, Joanna, Alton ....N.              | Steedman, Mary, Mammoth M.            |
| Rowe, J. O., Provo .....N.                | Stevens, Vivian, Aurora ...M.         |
| Roylance, Merline, Provo H.S.             | Stewart, Lucile, Provo ...H.S.        |
| Schofield, Mabel, LeGrande, Ore. ....H.S. | Stewart, Marguerite, Provo .....H.S.  |
| Seeley, Arbrelia, Mt. Pleasant .....M.    | Storrs, Louis, Provo ....H.S.         |
| Shelley, Mary, Shelley, Idaho             | Storrs, Russell, Provo .....A.        |
| Shontz, Myrtle, Provo .....C.             | Stringham, Briant, Vernal H.S.        |
| Skouson, A. P., Raymond, Canada .....Agr  | Stubbs, Vera, Provo ....H.S.          |
|   | Sumsion, Bert, Springville ..C.       |
|   | Sutton, Hattie, Provo .....C.         |
|   | Swalberg, R. C., Gunnison .....H.S.   |
|   | Swenson, Leona, Provo ....C.          |
|   | Swenson, J. Lewis, Provo .A.          |

## T.

|                                    |   |
|------------------------------------|---|
| Taylor, Ethel, Provo .....A.       | Thornton, James W., New Castle .....H.S.        |
| Taylor, A. D., Salem .....Agr.     | Tietjen, Roland, Santaquin. C.                  |
| Taylor, Fred R., Provo ..H.S.      | Tippetts, Irvin, Lake Shore N.                  |
| Taylor, Joel, Levan .....C.        | Tracy S. Olive, Plain City .A.                  |
| Taylor, Lester R., Provo .H.S.     | Trotter, Samuel A., Goshen .....H.S.            |
| Tew, Warren S., Mapleton .....H.S. | Turley, Della, Colonia Juar-<br>ez, Mex. ....M. |
| Theobald, Inez, Hinckley ..M.      | Tyzack, Ray, Vernal ....H.S.                    |
| Thomas, Josiah F., Provo H.S.      |   |
| Thompson, Howard, Provo .....H.S.  |   |

## W.

|   |   |
|---|---|
| Ward, David C., Willard .H.S.           | Winn, Frank, Nephi .....H.S.              |
| Watkins, Ethel, Vernal ....A.           | Woods, Florence, Castle Dale .....A.      |
| Whipple, Raymond, Aurora .....H.S.      | Woods, Clarence J., Provo .C.             |
| Whittaker, J. C., Circleville .....H.S. | Woodward, Carlos, Hunting-<br>ton .....M. |
| Whittaker, Sadie, Circleville .....H.S. | Woolsey, Chas. E., Escalante .....Agr.    |
| Wilson, Orel, Vernal ..H.S.             | Wright, Tola, Nephi .....M.               |

## THIRD YEAR HIGH SCHOOL.

## A.

|   |   |
|---|---|
| Adams, Kisten, Bluff .....M.                | Beck, Agnes, Sanford, Colo. N.                    |
| Adams, Cornelia, Monticello N.              | Beck, Byron, Sanford, Colo. C.                    |
| Adams, Zola, Monticello.. M.                | Bee, Florence, Provo .....C.                      |
| Allred, Warren, Fountain Green .....H.S.    | Blake, Dora, Hinckley .....N.                     |
| Andelin, Marian, Provo ..H.S.               | Bloomquist, Marvel, Rich-<br>field .....N.        |
| Anderson, Alvin, Fairview ..C.              | Booth, Ralph, Nephi .....M.                       |
| Anderson, Emily, Provo ...M.                | Booth, Lila, Provo .....C.                        |
| Austin, Bernice, Idaho Falls, Idaho .....C. | Boshard, Marie, Provo ....M.                      |
| Bachman, Elwood, Provo H.S.                 | Bowman, C., Colonia Dub-<br>lan, Mexico .....H.S. |
| Baird, Effa, Provo .....N.                  | Bradford, Jennie, Spanish<br>Fork .....N.         |
| Baird, B. Y., Kanab .....A.                 | Brockbank, H. D., Spanish<br>Fork .....C.         |
| Bassett, Irene, Provo ....H.S.              | Brown, Dora, Monroe .....N.                       |
| Baxter, Rachel, Silver City. A.             |   |

## C.

|  |  |
|--|--|
| Carter, Vera, Provo .....N.                  | can Fork .....C.                               |
| Cazier, Gerald, Nephi ....Agr.               | Chipman, Raymond, Ameri-<br>can Fork .....H.S. |
| Chaffin, Lawrence, Farming-<br>ton .....H.S. | Christensen, Emma, Salina .N.                  |
| Chipman, Milton H., Ameri-                   | Christiansen, R. W., Mayfield C.               |
|  | Clove, Frank, Provo .....H.S.                  |

|                                       |      |                                       |      |
|---------------------------------------|------|---------------------------------------|------|
| Cooper, F. M., Sandy .....            | C.   | Cotrel, Arminta, Clifton, Idaho ..... | A.   |
| Colvin, Nellie, Provo .....           | H.S. | Cottam, John H., St. George .....     | Agr. |
| Collier, Clara, Vernal .....          | N.   | Cottam, Effie, St. George ..          | A.   |
| Cornum, Florence, Sanford, Colo. .... | H.S. |                                       |      |

D.

|                            |      |                                      |    |
|----------------------------|------|--------------------------------------|----|
| Dalby, Vernie C., Levan .. | N.   | Davis, J. Stoker, Spanish Fork ..... | N. |
| Davis, Chelta, Lehi .....  | A.   | Decker, Wayne, Provo .....           | C. |
| Davis, Areva, Lehi .....   | H.S. |                                      |    |
| Davis, Flora, Provo .....  | N.   |                                      |    |

E.

|                             |    |                            |      |
|-----------------------------|----|----------------------------|------|
| Eastmond, Frank, Provo ...  | A. | Fork .....                 | N.   |
| Eggertsen, LoRie, Provo ... | C. | Evans, Hazel, Lehi .....   | M.   |
| Ellertson, Leo, Mona .....  | C. | Esplin, Alma, Orderville . | Agr. |
| Erickson, Alta, Monroe .... | N. | Esplin, Homer, Orderville  | Agr. |
| Evans, Luretta, Spanish     |    |                            |      |

F.

|                           |      |                               |    |
|---------------------------|------|-------------------------------|----|
| Farrer, Maud, Provo ..... | N.   | Frisby, Leroy, Provo .....    | C. |
| Finch, Clara, Provo ..... | N.   | Frandsen, Ernest, Redmond     | N. |
| Finlayson, Lloyd, Provo   | H.S. | Fullmer, Ina, Circleville ... | M. |
| Foster, Ruth, Provo ..... | C.   |                               |    |

G.

|                                    |      |                                     |      |
|------------------------------------|------|-------------------------------------|------|
| Gardner, Arthur, Pine Valley ..... | C.   | Goddard, Etta, Provo .....          | A.   |
| Gardner, E. Eugene, Salem          | N.   | Greene, Bessie, American Fork ..... | N.   |
| Goold, Frank, Monroe ...           | H.S. | Greenwood, L. D., Central           | H.S. |

H.

|   |      |  |      |
|---|------|--|------|
| Hall, Mable, Provo .....                | N.   | Henderson, Mary, Gilmer, Texas .....     | C.   |
| Halls, Frank, Manassa, Colo. ....       | Agr. | Henrie, Florence, Provo ...              | M.   |
| Hales, H. Milton, Spanish Fork .....    | H.S. | Hinckley, Minerva, Provo                 | A.   |
| Hanson, Mabel A., Vernal.               | N.   | Hinckley, Robert H., Provo .....         | H.S. |
| Harding, Vera, Provo .....              | A.   | Holdaway, Jennie, Provo ...              | C.   |
| Harding, Cleon, Provo ...               | Agr. | Holdaway, Edna, Provo ...                | C.   |
| Harmer, Lida, Provo .....               | N.   | Hopkins, Ella, Kanosh ....               | N.   |
| Harper, Wm. C., Oakley, Idaho .....     | A.   | Houston, Wallace, Panguitch .....        | H.S. |
| Harrison, Eva, Pocatello, Idaho .....   | M.   | Hubbard, John C., Willard                | H.S. |
| Harrison, Parry, Pocatello, Idaho ..... | H.S. | Huntsman, Wm., Fillmore.                 | N.   |
| Hayes, Rose, Vernal .....               | N.   | Hurler, Clarence, Provo ..               | H.S. |
| Hayes, Eliza, Clear Creek..             | N.   | Hurst, Guy, Colonia Dublan, Mexico ..... | N.   |

## J.

Jenkins, Ida, Pocatello, Idaho .....N.  
 Johnson, Don, Spring City H.S.  
 Johnson, Frank, Provo ...H.S.  
 Johnson, Susie, Kanab .....A.  
 Johnson, Evart, Huntington M.

Johnson, Edward, Benjamin .....H.S.  
 Jones, Lael, Provo .....H.S.  
 Jones, Cleo, Provo .....H.S.  
 Jones, Lewis, Provo .....C.

## K.

Kartchner, Ellora, Provo .H.S.  
 Kimball, J. G. Jr., S. L. City A.  
 Kirkham, Jesse, American Fork .....H.S.  
 Knight, Iona, Provo ....H.S.

Knowlden, Lucile, Provo. H.S.  
 Knudsen, Vilate, Provo ....A.  
 Knudsen, Edna, Provo ....N.  
 Knudsen, N. W., Provo ...M.  
 Koch, Lola, Manassa, Colo. N.

## L.

Larson, Jennie, Monroe ....A.  
 Larson, Lottie, Monroe ....N.  
 Larson, Enoch, Monroe ..H.S.  
 Lewis, Mary, Vernal .....N.  
 Lewis, Bertha, Provo .....N.

Lewis, Bliss, Spanish Fork. N.  
 Lichfield, Eugene, Goshen H.S.  
 Luke, Odeen Junction ....H.S.  
 Lund, Eva, S. L. City .....M.  
 Lundsteen, Louise, Levan .A.

## M.

McArthur, Dan, St. George .....H.S.  
 McCune, Edward J., Butte, Montana .....N.  
 McGuire, F. Preston, Heber .....H.S.  
 McKee, Ray, Vernal ....H.S.  
 Madsen, Clara, Provo R. D., A.  
 Mathews, Lewis, Provo ..H.S.

Matley, Eleanor, Sph. Fork .N.  
 Meldrum, Edith, Raymond, Canada .....N.  
 Miller, Maggie, Spanish Fork .....H.S.  
 Miller, Zella, Provo .....N.  
 Monk, Louie, Spanish Fork N.  
 Murdock, Sarah E., Heber. N.

## N.

Nelson, Virgil H., Sandy H.S.  
 Nelson, Arthur E., Spanish Fork .....N.  
 Nelson, Verne O., Provo .H.S.  
 Nelson, Rachel, Cardston, Canada .....N.  
 Newren, Leon, Scofield ....C.

Nicholes, Ray D., American Fork .....H.S.  
 Nielson, Grace, Richfield ..N.  
 Nixon, Olive, Huntington .N.  
 Noble, Wm. A., Smithfield C.  
 Nuttall, Christina, Provo, R. D. ....A.

## O.

Olsen, Geo. T. Jr., Richfield C.

## P.

Pack, Ethel, Provo .....A.  
 Packard, B. B., Springville H.S.  
 Parker, Bartle, Am. Fork.. C.  
 Parry, Stanley, Cedar City H.S.

Paxman, Ida, Provo .....A.  
 Paxman, Delos, Provo .....C.  
 Pearson, Herschel, Draper H.S.



Pickett, Charles E., St.  
George .....N.  
Pond, Joseph M., Thatcher,  
Idaho .....H.S.

Probert, Karl, Provo .....A.  
Pyne, Rarchel, Provo .....A.

R.

Rasmussen, Alice, Vernal ..A.  
Redd, Charles, Bluff .....Agr.  
Remington, Amy, Vernal ..N.  
Ritchie, James D., Provo ..N.

Roundy, Nellie, Provo .....A.  
Russell, Ray M., Conejos,  
Colo. ....C.

S.

Scott, Inez, Provo .....N.  
Scott, Fern, Provo .....N.  
Schofield, Fern, Nephi ....N.  
Schofield, Ray, LeGrande,  
Oregon .....C.  
Searle, Vernon, Vernal ..H.S.  
Secrist, Ethlyn, Farmington M.  
Skouson, Don, Raymond,  
Canada .....H.S.  
Snell, Francis M. Jr., Span-  
ish Fork .....H.S.  
Snow, Arletta, Provo .....N.  
Snow, Josephine, St. George N.  
Snow, J. Vernon, St. George  
.....H.S.  
Snyder, Sylvia, Vernal .....A.

Snyder, John M., Evanston,  
Wyo. ....H.S.  
Southwick, Merlin, Lehi ...C.  
Southwick, Lawrence, Provo  
.....H.S.  
Spendlove, James, Provo ...N.  
Spilsbury, D. L., Toquerville  
.....H.S.  
Staheli, Wm., Santa Clara .M.  
Stoddard, Alta, Cardston,  
Canada .....N.  
Storrs, Joseph B., American  
Fork .....H.S.  
Stucki, Herman W., Santa  
Clara .....Agr.  
Symes, J. H., Provo .....C.

T.

Tanner, Nettie, Payson ....N.  
Taylor, H. R., Provo ....H.S.  
Taylor, Zina H., Goshen ...N.  
Tenney, Grace, Silver City,  
N. Mexico .....H.S.

Tew, Wm. T. Jr., Mapleton N.  
Turley, Marion, Colonia  
Juarez, Mexico .....Agr.

V.

Vance, John A., Provo ....A.

Vincent, Leon E., Provo .H.S.

W.

Walton, C. H., Provo .....N.  
Webb, Ray, Monroe .....H.S.  
Whatcott, W. H., Kanosh. N.  
Wheeler, H. C., Fielding .Agr.  
Whiting, John M., Mapleton N.  
Williams, Jean, Provo ....N.

Wilson, David J., Midway H.S.  
Wood, Alice, Bluff .....C.  
Woolf, Ione, Cardston, Can-  
ada .....N.  
Wrathall, Alice, Grantsville N.  
Wrathall, Irene, Grantsville N.

Y.

Young, Hattie, Vernal ....H.S.

Young, Kimball, Provo ..H.S.

## FOURTH YEAR HIGH SCHOOL.

|   |  |
|---|--|
| Andelin, Aubrey, Provo ..Agr.                   | Evans, Effie, Provo .....H.S.                |
| Anderson, Lucretia, Provo,<br>R. D. ....N.      | Farrer, Leland J., Provo ...C.               |
| Anderson, J. F., Raymond,<br>Canada .....H.S.   | Fausett, Vera, Price .....N.                 |
| Argyle, W. R., Spanish Fork<br>.....H.S.        | Finch, Ella, Provo .....N.                   |
| Argyle, H. R., Spanish Fork<br>.....H.S.        | Fletcher, Milton P., Provo H.S.              |
| Austin, Victor, Idaho Falls,<br>Idaho .....H.S. | Finlayson, Maggie, Payson N.                 |
| Beck, Hanna, Spanish Fork N.                    | Foutz, Alonzo, Richfield .H.S.               |
| Beckstead, Frank, Provo..H.S.                   | Gardner, William, American<br>Fork .....C.   |
| Bestelmyer, August, Provo .C.                   | Gardner, Viola, Lehi .....A.                 |
| Billings, G. E., Provo .....C.                  | Gardner, Missia, Pine Valley A.              |
| Bingham, Lester, Vernal .Agr.                   | Glazier, Maline, Provo ....M.                |
| Coley, E. H., Am. Fork ...C.                    | Guthrie, Susabelle, Mesa,<br>Arizona .....N. |
| Brown, M. L., Provo .....C.                     | Hafen, Guy, Santa Clara ...N.                |
| Brinkerhoff, J. D., Emery ..N.                  | Hales, Ray, Spanish Fork .C.                 |
| Bullock, Lissie, Maeser ....N.                  | Hansen, Andrew, Redmond N.                   |
| Candland, Margaret Mt.<br>Pleasant .....M.      | Harris, Mertie, Provo .....N.                |
| Cash, Bennett, Castle Dale .N.                  | Hatch, James, Panguitch .H.S.                |
| Chipman, Senith, American<br>Fork .....H.S.     | Hayes, Murray, Pleasant<br>Grove .....H.S.   |
| Clark, Herald, Farmington<br>.....H.S.          | Henline, Hiram, Provo ...C.                  |
| Clark, Grace, Manti .....M.                     | Hill, Mary, Springville .....M.              |
| Clayburn, David, Midway .H.S.                   | Hinckley, Joseph R., Provo<br>.....Agr.      |
| Clayton, Margaret, Salt Lake<br>City .....C.    | Holdaway, Etta, Aurora ...N.                 |
| Clove, James, Provo.....H.S.                    | Horsley, Arthur S., Price ..N.               |
| Cox, Ira, Fairview .....H.S.                    | Huish, J. Raymond, Payson<br>.....Agr.       |
| Cox, Olive, Fairview .....A.                    | Hurler, Jennie, Provo R. D., N.              |
| Craven, Percy, Provo ....H.S.                   | Irving, Beryl, Spring City H.S.              |
| Crookston, Clyde, American<br>Fork .....H.S.    | Iverson, Eunice, Salem ....N.                |
| Crosby, Jesse, Cowley, Wyo.<br>.....Agr.        | Jensen, Ida, Heber .....N.                   |
| Curtis, Della, Thatcher, Ari-<br>zona .....N.   | Jerman, Alonzo, Provo ...H.S.                |
| Day, Jesse E., Fillmore ..H.S.                  | Johnson, Myrtle, Pleasant<br>Grove .....N.   |
| Dillman, Ray, Vernal ....H.S.                   | Johnson, Herby, Ottawa, Ill. M.              |
| Egbert, Anna Thatcher, Ida-<br>ho .....M.       | Jones, Mary D., Provo .....A.                |
| Epperson, Emery, Provo ...M.                    | Jones, Clarence R., Byron,<br>Wyo. ....C.    |
| Evans, May, Spanish Fork N.                     | Jones, Hanna, Spanish Fork N.                |
|   | Jones, J. Bruce, Spanish<br>Fork .....H.S.   |
|   | Keeler, Karl F., Provo ...H.S.               |
|   | Kirkham, Myrtle, Lehi ....A.                 |
|   | Knight, Ernest, Woodland .A.                 |
|   | Larsen, Floy, Monroe .....N.                 |

|   |  |      |
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| Lemon, Elias A., Marion ...C.               | Robison, Harold, Farmington .....      | C.   |
| Lowe, Ellis, Willard ....H.S.               | Rowley, Edward J., American Fork ..... | C.   |
| Lundquist, Delpha, Snowflake, Arizona ..... | Rupper, Heber S., Provo ..C.           |      |
| Lybbert, J. N., Vernal .....                | Sainsbury, Otto, Fielding ..H.S.       |      |
| McGuire, Tessie, Heber ....N.               | Scott, Verna, Provo .....              | N.   |
| McMurrin, J. L., Provo ....C.               | Schwencke, Charles, Samoa .....        | H.S. |
| Maeser, Karl G., Beaver ...N.               | Sevy, Milton H., Panguitch .....       | H.S. |
| Mellor, Beatrice, Eureka ...M.              | Simonds, Winona, Provo ..N.            |      |
| Money, A. E., Spanish Fork ..C.             | Smith, Lazelle, Sanford, Colo. ....    | H.S. |
| Morgan, Frank, Willard ..H.S.               | Smith, Marion, Manassa, Colo. ....     | C.   |
| Morrison, Ira, Provo ....H.S.               | Smith, Nellie, Vernal .....            | N.   |
| Morrill, Rupert, Kimberly, Idaho .....      | Snow, Nora, Pine Valley ...N.          |      |
| Mortensen, A. D., Sanford, Colo. ....       | Southwick, Edna, Provo ...N.           |      |
| Nelson, L. Raymond, Provo .....             | Spafford, W. Earl, Provo ..H.S.        |      |
| Nelson, LeRoy, Spanish Fork ..N.            | Speakman, Thera, Fillmore ..N.         |      |
| Nelson, Asael, Provo .....                  | Spies, Clara, Vernal .....             | N.   |
| Nielson, L. B., Springville ..H.S.          | Spies, Vivian, Vernal .....            | N.   |
| Noble, Miss Ray, Smithfield ..N.            | Spilsbury, Ray, Toquerville .....      | H.S. |
| Noyes, Lyman W., Provo ..C.                 | Staker, John B., Annabella Agr. ....   |      |
| Oakley, Blanche, Springville ..M.           | Starr, Mary, St. George ...N.          |      |
| Oberhansly, Ray, Thistle ...N.              | Steed, Oliver F., Provo ....C.         |      |
| Odekirk, Leroy, Vernal ....C.               | Stephenson, S. F., Levan ...N.         |      |
| Olsen, Marie, Moroni .....                  | Stout, Lydia, Leamington ..N.          |      |
| Olsen, Stephen, Price .....                 | Tangreen, Alber, Moab ...N.            |      |
| Pack, Dean A., Kamas ...H.S.                | Taylor, Nellie, Provo .....            | A.   |
| Peacock, Gomer, Orangeville .....           | Taylor, Aimie R., Provo ..H.S.         |      |
| Petty, Frank, Rockville ....N.              | Taylor, Stirling, Provo ..H.S.         |      |
| Peterson, Josephine, Mapleton .....         | Terry, Silas, Lehi .....               | C.   |
| Poulson, M. W., Provo ....N.                | Tippets, J. R., Lake Shore ..N.        |      |
| Quinn, Royal, Ephraim ...M.                 | Weeks, Emma, Pl. Grove ...N.           |      |
| Raile, Samuel, Provo ....H.S.               | Woolsey, Parley, Escalante .....       | H.S. |
| Richins, Leroy, Vernal ...H.S.              | Young, Edith, Provo .....              | Spl. |
| Robison, J. Albert, Fillmore ..N.           |  |      |

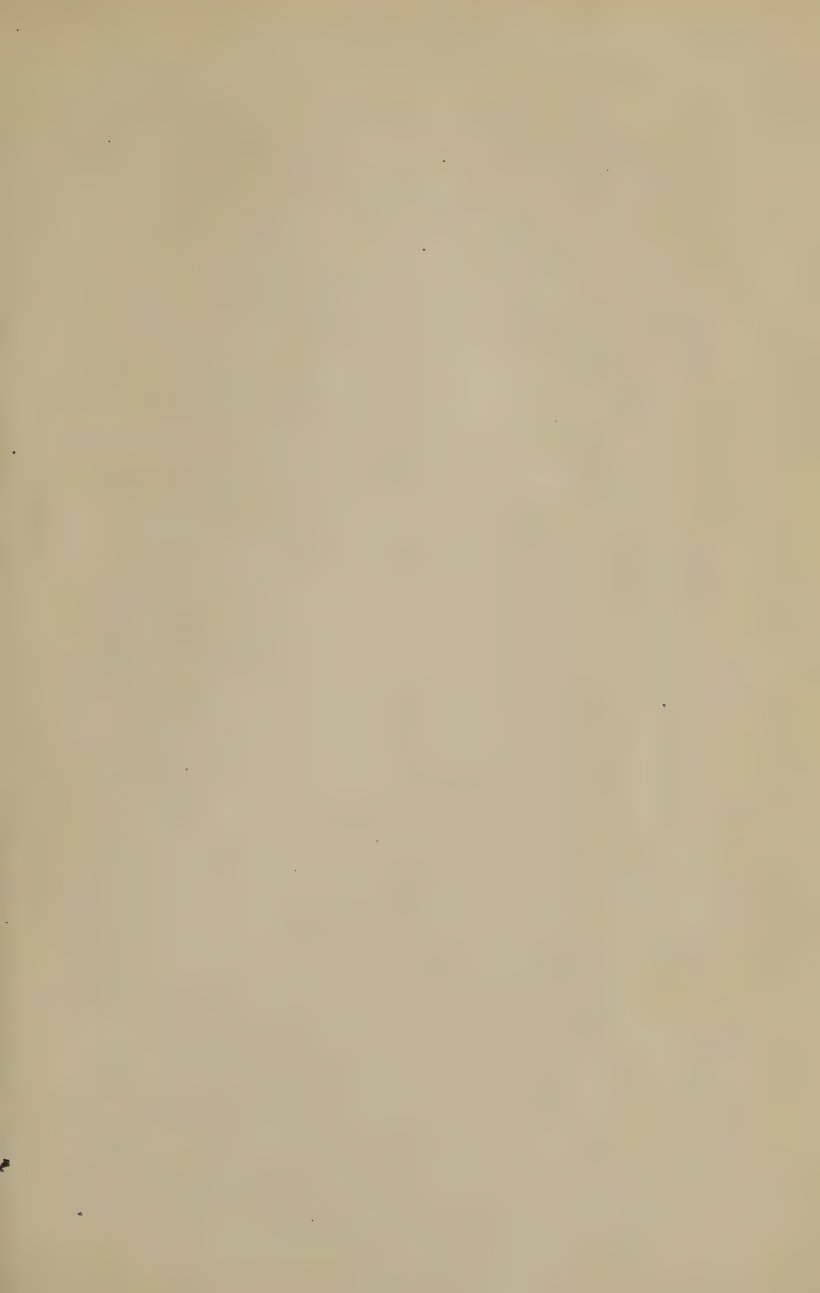
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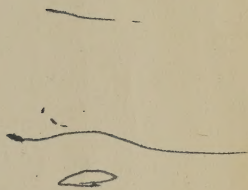
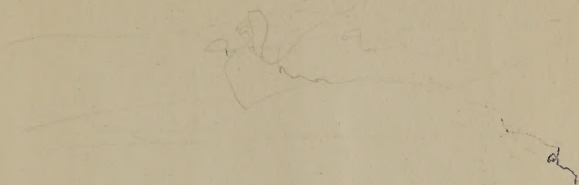














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